

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051223\
 Data File : BM039923.D
 Acq On : 12 May 2023 18:33
 Operator : CG/JU
 Sample : PB152709BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB152709BL

Quant Time: May 13 03:00:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 13 02:16:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	483457	20.000	ng	0.00
21) Naphthalene-d8	10.854	136	2073768	20.000	ng	0.00
39) Acenaphthene-d10	14.671	164	1246371	20.000	ng	0.00
64) Phenanthrene-d10	17.412	188	2573517	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1705029	20.000	ng	0.00
86) Perylene-d12	24.041	264	1610011	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.578	112	5094321	171.243	ng	0.00
7) Phenol-d6	7.190	99	6372754	160.768	ng	0.00
23) Nitrobenzene-d5	9.201	82	3415451	96.459	ng	0.00
42) 2,4,6-Tribromophenol	16.154	330	3246622	135.501	ng	0.00
45) 2-Fluorobiphenyl	13.301	172	9963599	102.258	ng	0.00
79) Terphenyl-d14	20.024	244	12283665	130.389	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.413	88	89	0.008	ng	# 1
3) Pyridine	3.855	79	65	0.002	ng	# 1
4) n-Nitrosodimethylamine	3.743	42	102	0.009	ng	# 1
6) Aniline	7.343	93	53	0.001	ng	# 1
9) Benzaldehyde	7.184	77	11927	Below Cal		# 8
10) Phenol	7.178	94	1561	0.039	ng	# 1
11) bis(2-Chloroethyl)ether	7.466	93	118	0.004	ng	# 22
15) Benzyl Alcohol	8.490	79	467	0.018	ng	# 49
16) 2,2'-oxybis(1-Chloropr...	8.548	45	334	0.009	ng	# 1
19) n-Nitroso-di-n-propyla...	8.854	70	61	0.002	ng	# 1
22) Acetophenone	8.878	105	67	0.001	ng	# 1
24) Nitrobenzene	9.207	77	11639	0.325	ng	# 31
25) Isophorone	9.772	82	71	0.001	ng	# 64
31) Naphthalene	10.760	128	60	0.001	ng	# 69
46) 1,1'-Biphenyl	13.301	154	18865	0.183	ng	# 1
48) 2-Nitroaniline	13.830	65	53	5.020	ng	# 1
50) Dimethylphthalate	13.907	163	72	0.001	ng	# 77
52) Acenaphthene	14.671	154	4551	0.057	ng	# 4
53) 3-Nitroaniline	14.666	138	57	3.940	ng	# 1
56) 4-Nitrophenol	14.936	139	151	0.009	ng	# 9
60) Diethylphthalate	15.489	149	241	0.002	ng	# 29
63) Azobenzene	16.065	77	705	0.007	ng	# 4
66) n-Nitrosodiphenylamine	16.154	169	88012	0.992	ng	# 45
71) Phenanthrene	17.460	178	549	0.004	ng	# 53
72) Anthracene	17.536	178	453	0.003	ng	# 60
73) Carbazole	17.818	167	128	0.001	ng	# 58
74) Di-n-butylphthalate	18.377	149	1248	0.008	ng	# 65
75) Fluoranthene	19.459	202	533	0.003	ng	# 64
77) Benzidine	19.659	184	60	0.003	ng	# 66
78) Pyrene	20.030	202	51975	0.429	ng	# 62
80) Butylbenzylphthalate	20.748	149	247	4.616	ng	# 69
81) Benzo(a)anthracene	21.624	228	1353	0.012	ng	# 93
82) 3,3'-Dichlorobenzidine	21.500	252	263	6.684	ng	# 25
83) Chrysene	21.624	228	1353	0.012	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.506	149	257	4.836	ng	# 81
85) Di-n-octyl phthalate	22.447	149	407	7.710	ng	# 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051223\
Data File : BM039923.D
Acq On : 12 May 2023 18:33
Operator : CG/JU
Sample : PB152709BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB152709BL

Quant Time: May 13 03:00:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 13 02:16:09 2023
Response via : Initial Calibration

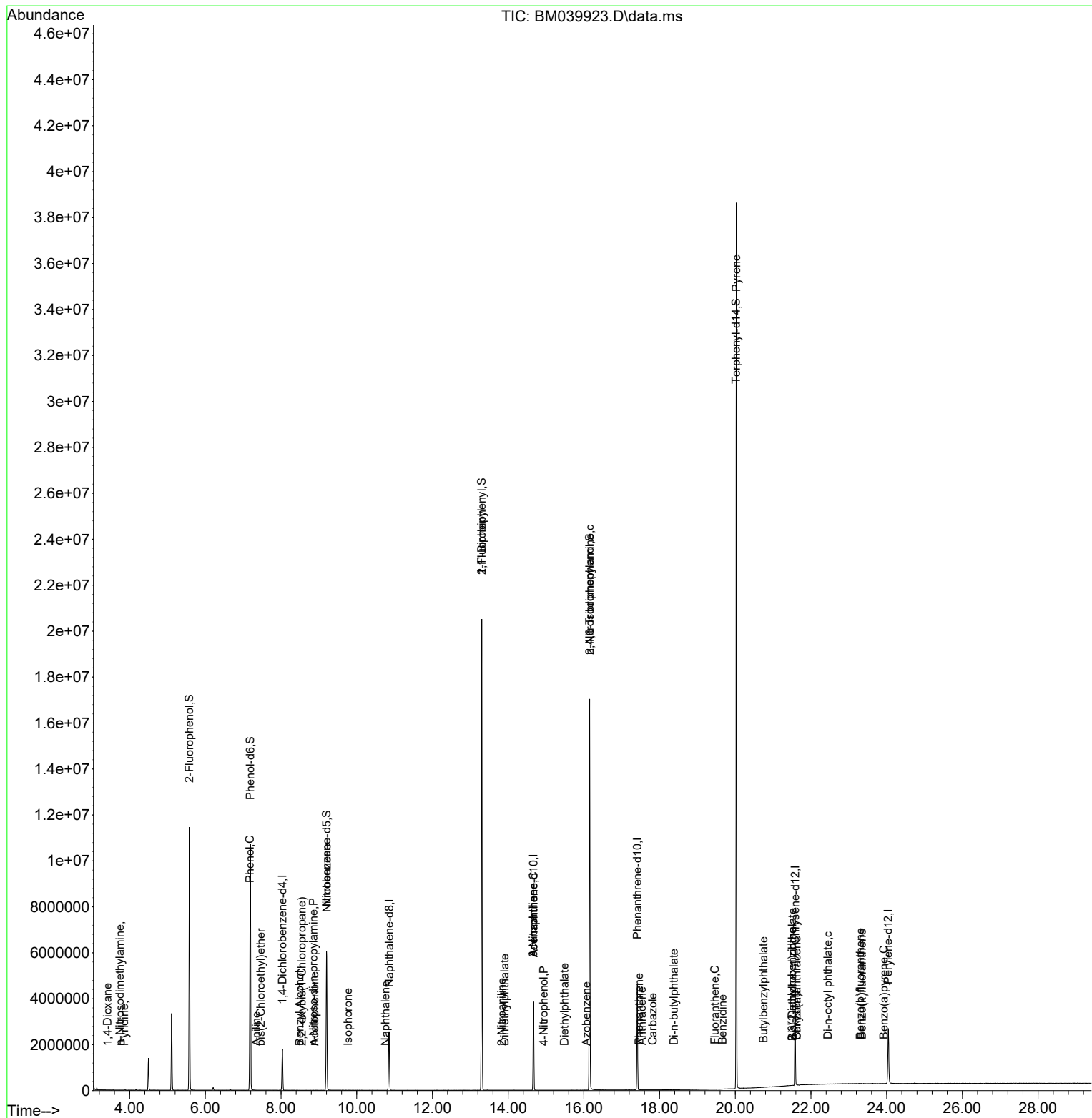
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	23.300	252	1005	0.010	ng #	3
89) Benzo(k)fluoranthene	23.347	252	1111	0.010	ng #	35
90) Benzo(a)pyrene	23.924	252	1011	0.010	ng #	1

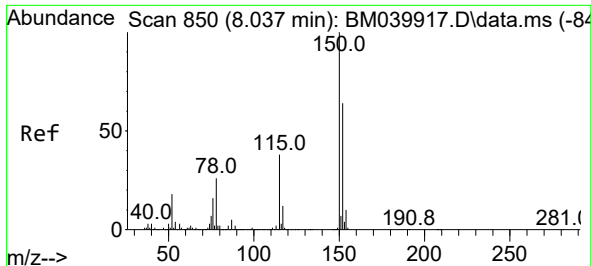
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051223\
 Data File : BM039923.D
 Acq On : 12 May 2023 18:33
 Operator : CG/JU
 Sample : PB152709BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB152709BL

Quant Time: May 13 03:00:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 13 02:16:09 2023
 Response via : Initial Calibration

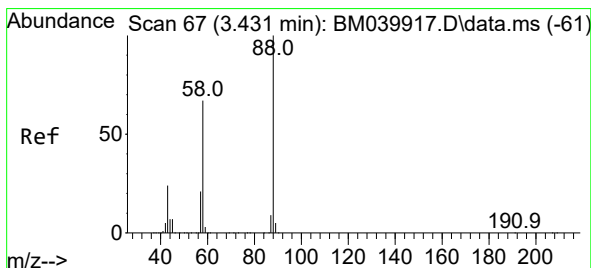
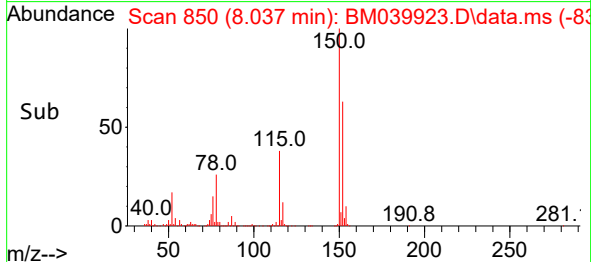
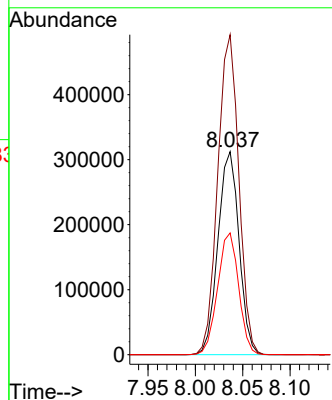
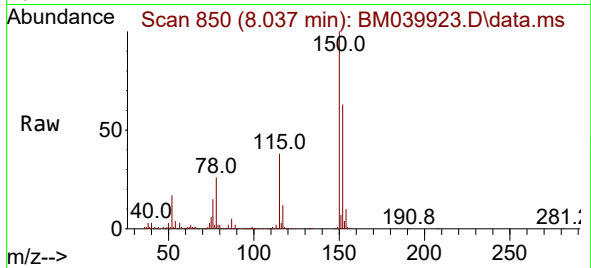




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.037 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM039923.D
 Acq: 12 May 2023 18:33

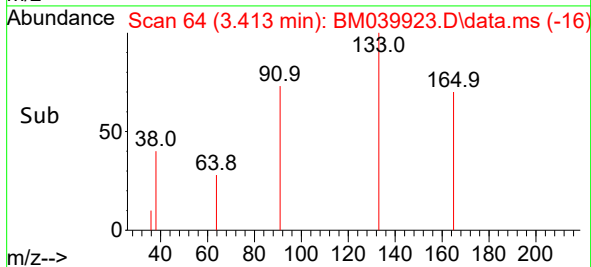
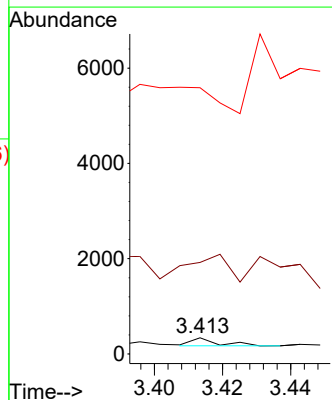
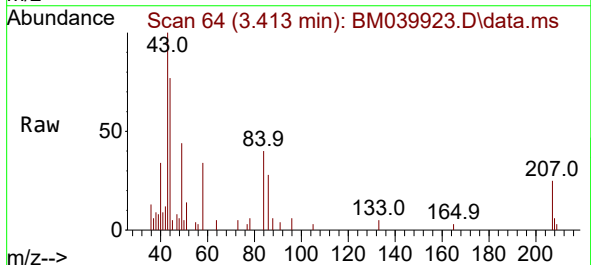
Instrument :
 BNA_M
 ClientSampleId :
 PB152709BL

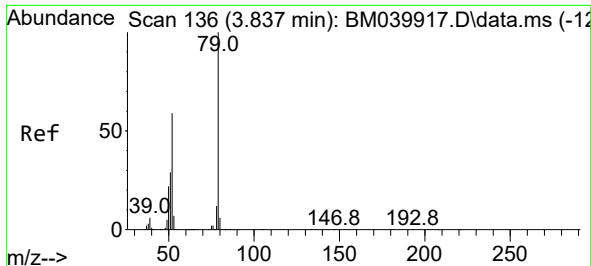
Tgt Ion:152 Resp: 483457
 Ion Ratio Lower Upper
 152 100
 150 157.6 125.0 187.4
 115 60.0 47.0 70.6



#2
 1,4-Dioxane
 Concen: 0.008 ng
 RT: 3.413 min Scan# 64
 Delta R.T. -0.018 min
 Lab File: BM039923.D
 Acq: 12 May 2023 18:33

Tgt Ion: 88 Resp: 89
 Ion Ratio Lower Upper
 88 100
 58 531.5 54.4 81.6#
 43 0.0 19.1 28.7#

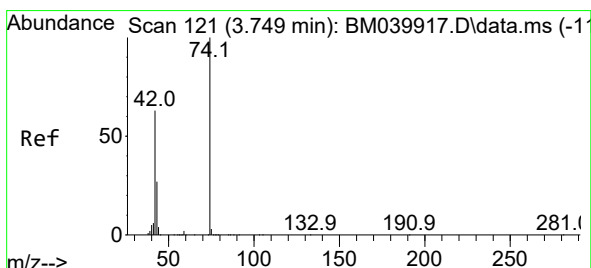
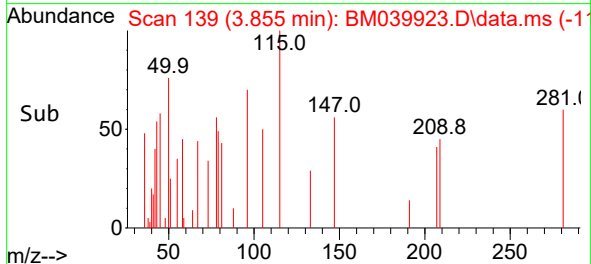
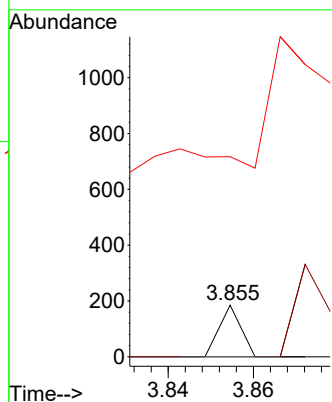
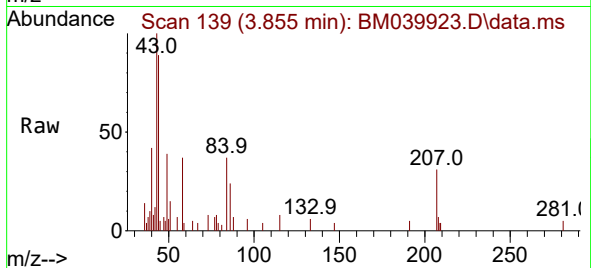




#3
Pyridine
Concen: 0.002 ng
RT: 3.855 min Scan# 11
Delta R.T. 0.018 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

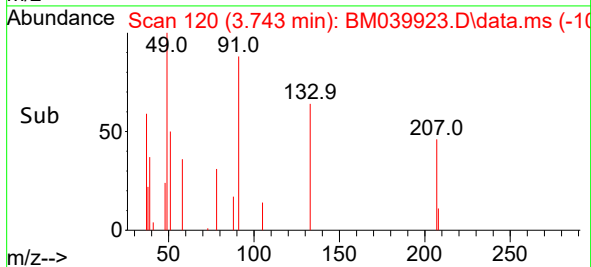
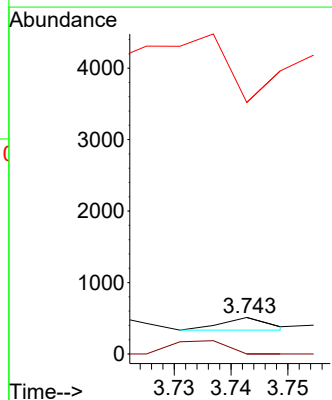
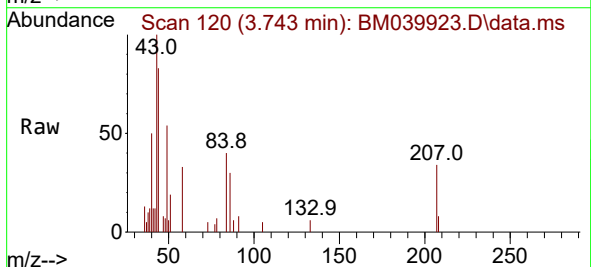
Instrument :
BNA_M
ClientSampleId :
PB152709BL

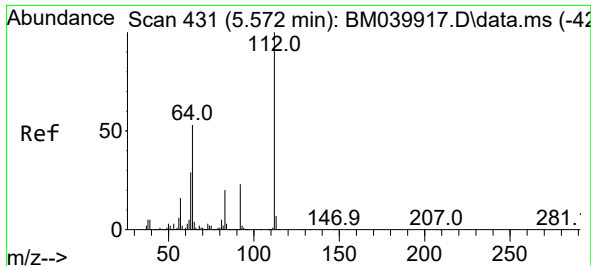
Tgt Ion: 79 Resp: 65
Ion Ratio Lower Upper
79 100
52 0.0 46.8 70.2#
51 387.6 23.6 35.4#



#4
n-Nitrosodimethylamine
Concen: 0.009 ng
RT: 3.743 min Scan# 120
Delta R.T. -0.006 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

Tgt Ion: 42 Resp: 102
Ion Ratio Lower Upper
42 100
74 0.0 127.8 191.6#
44 688.6 5.8 8.8#

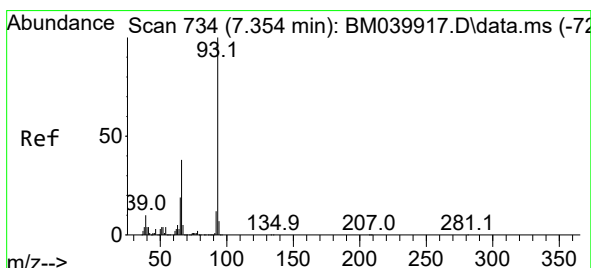
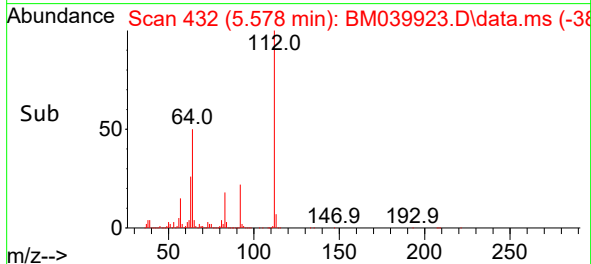
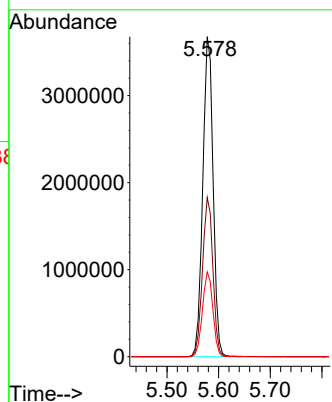
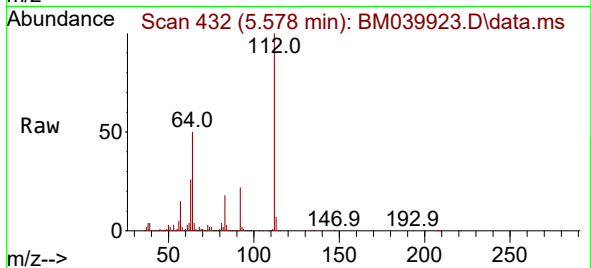




#5
2-Fluorophenol
Concen: 171.243 ng
RT: 5.578 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

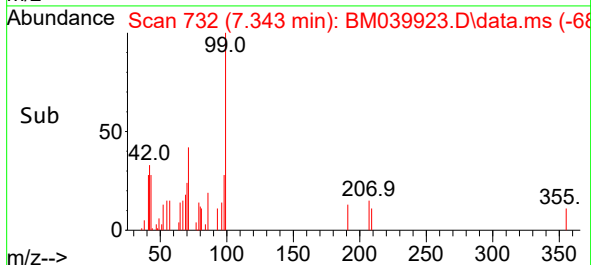
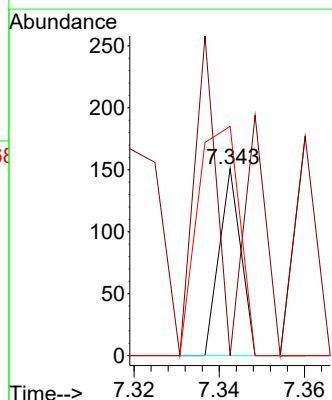
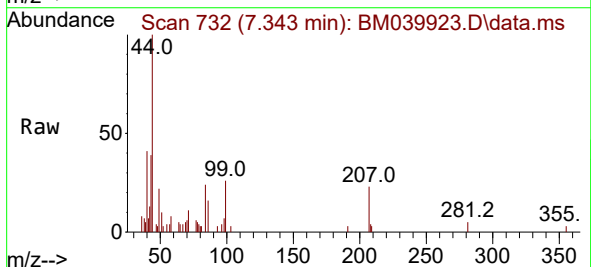
Instrument :
BNA_M
ClientSampleId :
PB152709BL

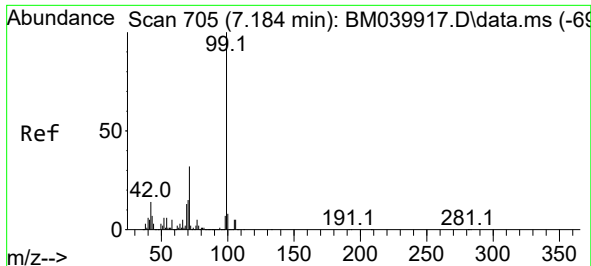
Tgt Ion:112 Resp: 5094321
Ion Ratio Lower Upper
112 100
64 49.8 42.6 64.0
63 26.5 23.3 34.9



#6
Aniline
Concen: 0.001 ng
RT: 7.343 min Scan# 732
Delta R.T. -0.012 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

Tgt Ion: 93 Resp: 53
Ion Ratio Lower Upper
93 100
66 0.0 30.4 45.6#
65 122.5 15.5 23.3#



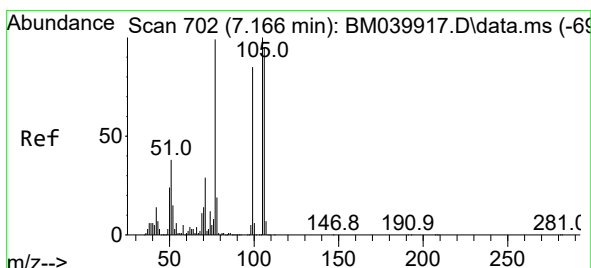
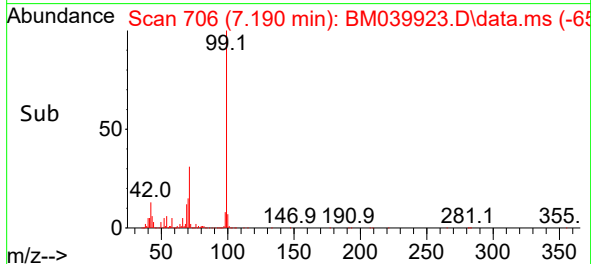
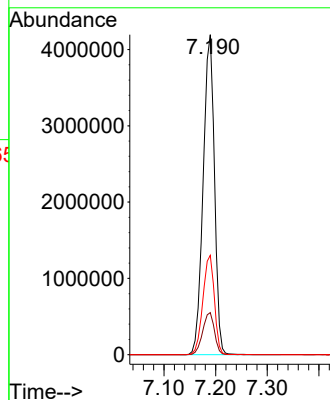
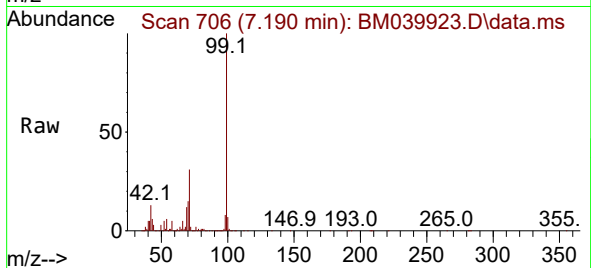


#7
Phenol-d6
Concen: 160.768 ng
RT: 7.190 min Scan# 705
Delta R.T. 0.006 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

Instrument :
BNA_M
ClientSampleId :
PB152709BL

Tgt Ion: 99 Resp: 6372754

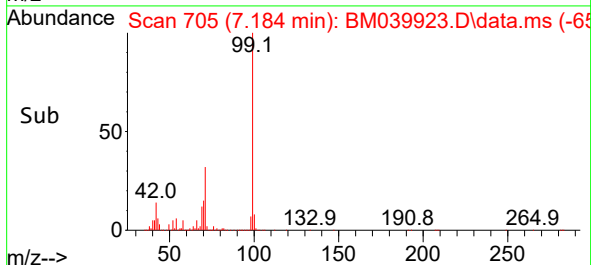
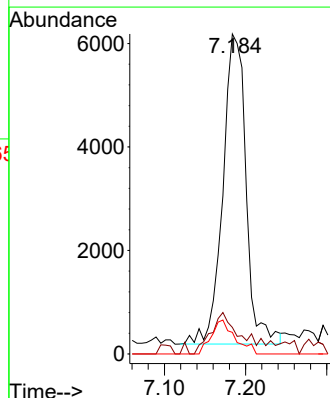
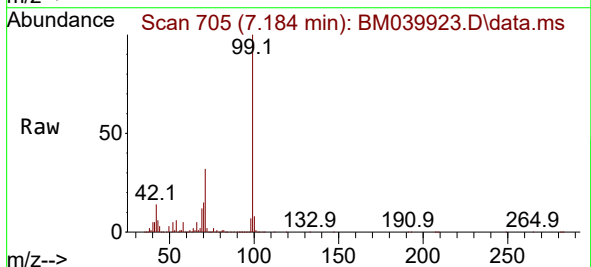
Ion	Ratio	Lower	Upper
99	100		
42	13.2	11.5	17.3
71	31.1	25.7	38.5

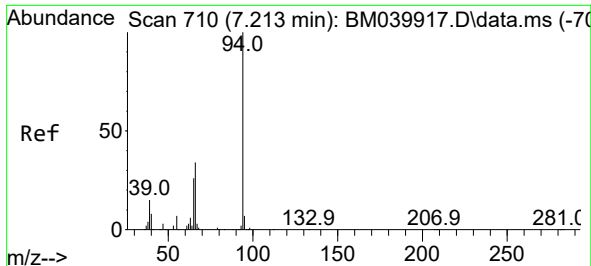


#9
Benzaldehyde
Concen: Below Cal
RT: 7.184 min Scan# 705
Delta R.T. 0.018 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

Tgt Ion: 77 Resp: 11927

Ion	Ratio	Lower	Upper
77	100		
105	8.3	81.2	121.2#
106	6.7	76.2	116.2#

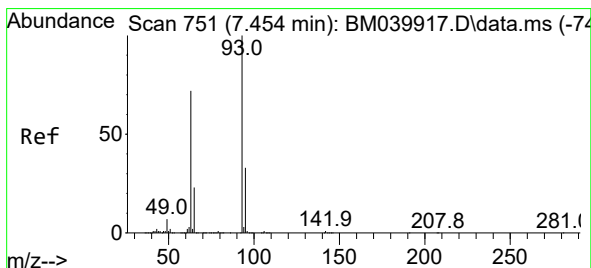
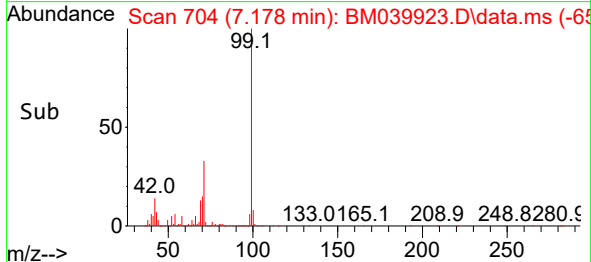
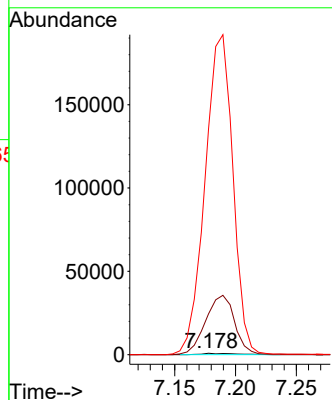
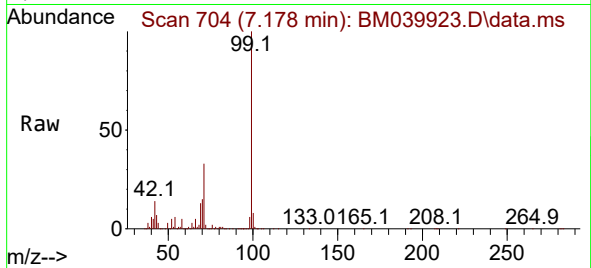




#10
Phenol
Concen: 0.039 ng
RT: 7.178 min Scan# 704
Delta R.T. -0.035 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

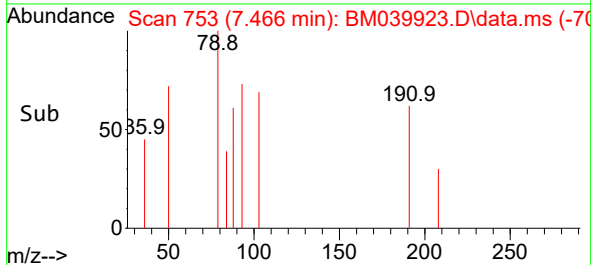
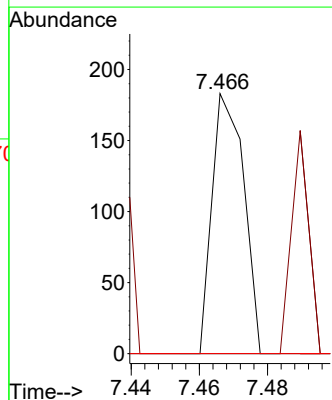
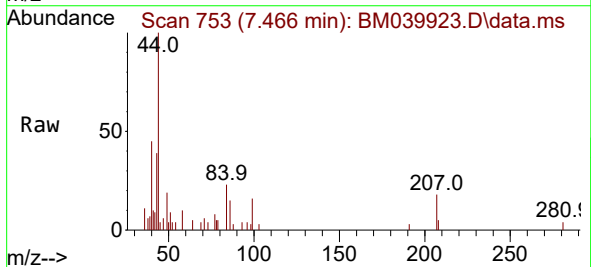
Instrument :
BNA_M
ClientSampleId :
PB152709BL

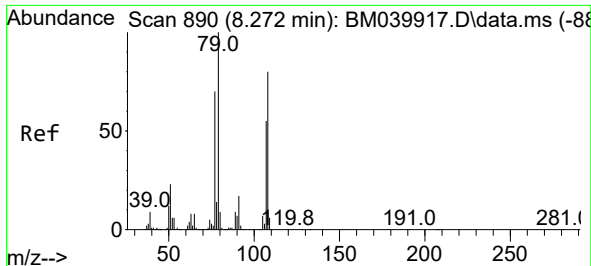
Tgt Ion: 94 Resp: 1561
Ion Ratio Lower Upper
94 100
65 2844.7 6.4 46.4#
66 15724.7 14.7 54.7#



#11
bis(2-Chloroethyl)ether
Concen: 0.004 ng
RT: 7.466 min Scan# 753
Delta R.T. 0.012 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

Tgt Ion: 93 Resp: 118
Ion Ratio Lower Upper
93 100
63 0.0 52.0 92.0#
95 0.0 12.8 52.8#

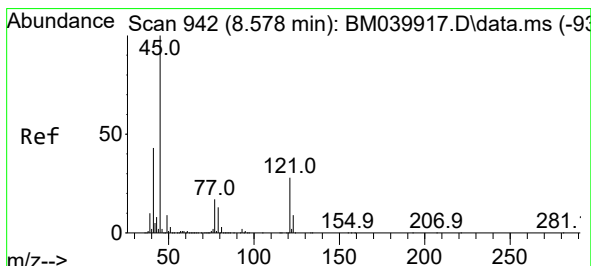
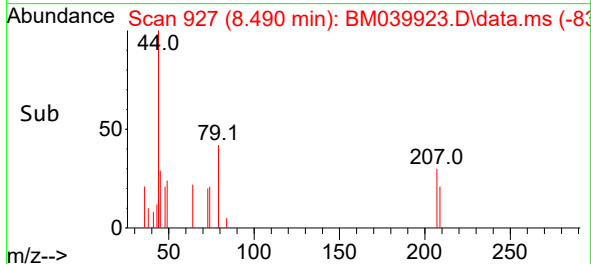
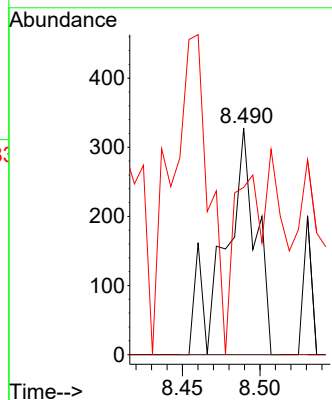
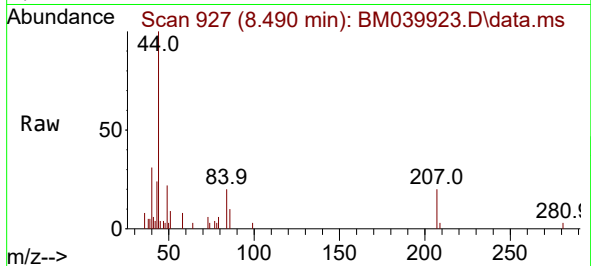




#15
Benzyl Alcohol
Concen: 0.018 ng
RT: 8.490 min Scan# 91
Delta R.T. 0.218 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

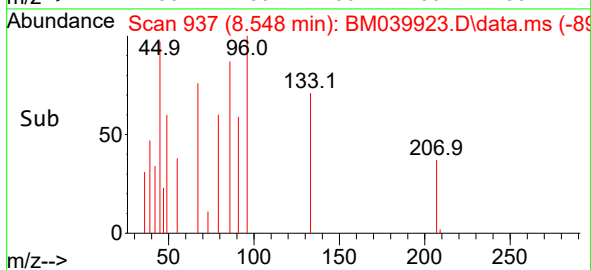
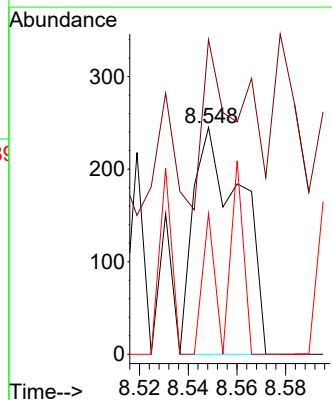
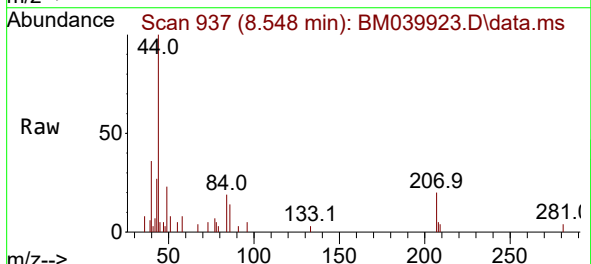
Instrument :
BNA_M
ClientSampleId :
PB152709BL

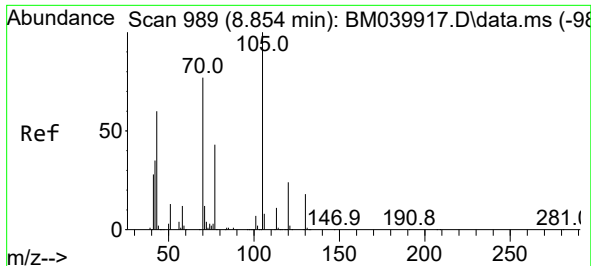
Tgt Ion: 79 Resp: 467
Ion Ratio Lower Upper
79 100
108 0.0 63.7 95.5#
77 73.8 55.8 83.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.009 ng
RT: 8.548 min Scan# 937
Delta R.T. -0.029 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

Tgt Ion: 45 Resp: 334
Ion Ratio Lower Upper
45 100
77 138.8 0.0 37.3#
79 62.0 0.0 33.6#





#19

n-Nitroso-di-n-propylamine

Concen: 0.002 ng

RT: 8.854 min Scan# 989

Delta R.T. 0.000 min

Lab File: BM039923.D

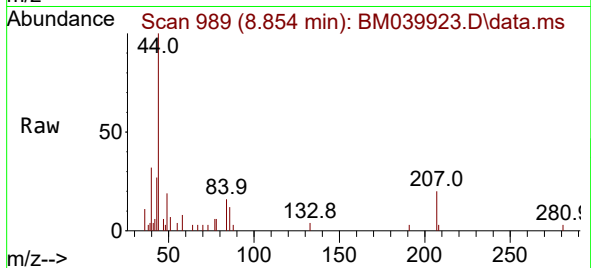
Acq: 12 May 2023 18:33

Instrument :

BNA_M

ClientSampleId :

PB152709BL



Tgt Ion: 70 Resp: 61

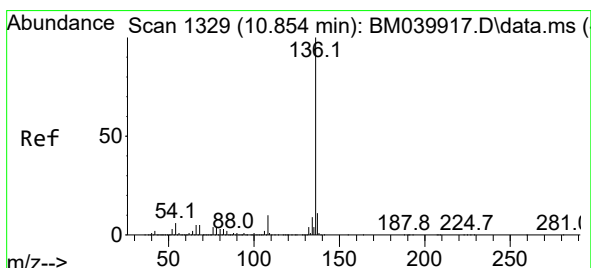
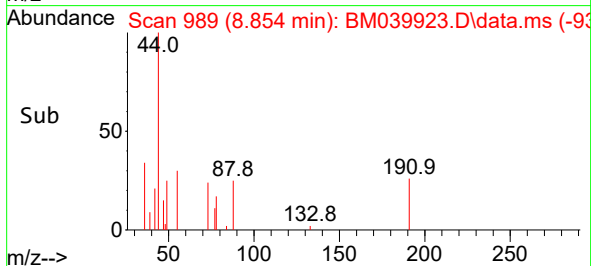
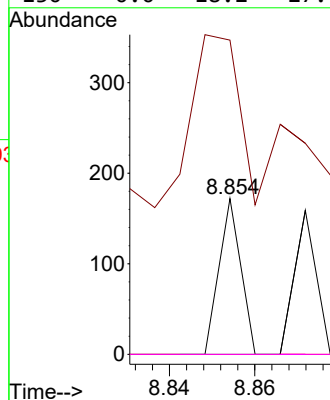
Ion Ratio Lower Upper

70 100

42 201.7 37.1 55.7#

101 0.0 7.7 11.5#

130 0.0 18.2 27.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.854 min Scan# 1329

Delta R.T. 0.000 min

Lab File: BM039923.D

Acq: 12 May 2023 18:33

Tgt Ion: 136 Resp: 2073768

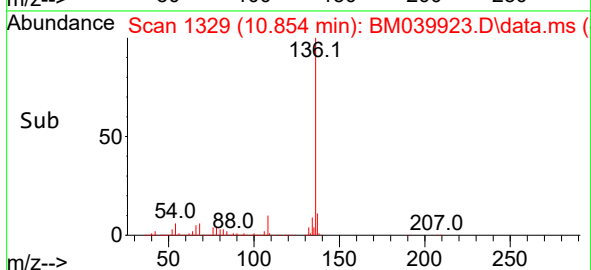
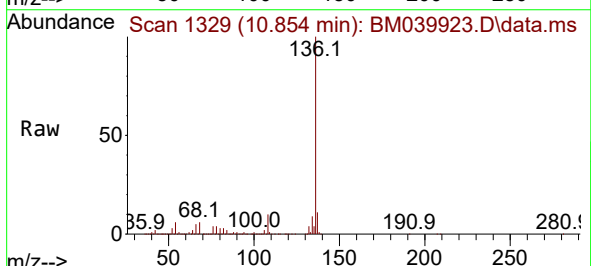
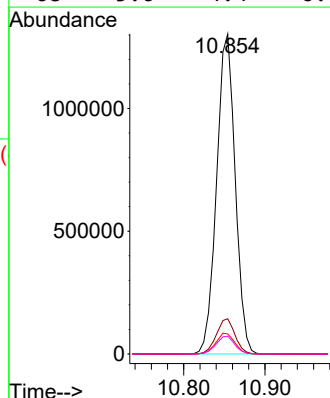
Ion Ratio Lower Upper

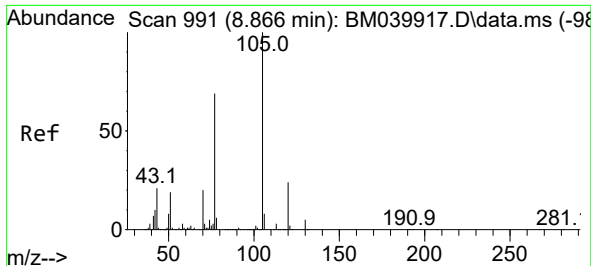
136 100

137 11.0 8.8 13.2

54 6.2 5.2 7.8

68 5.6 4.4 6.6

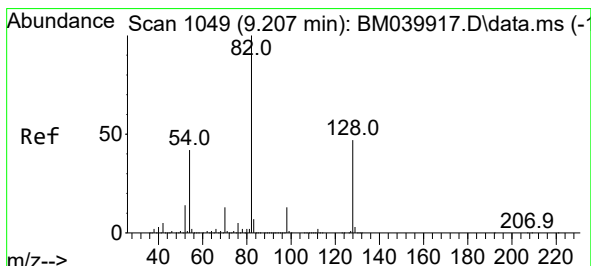
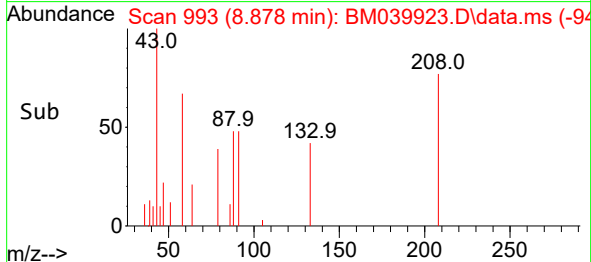
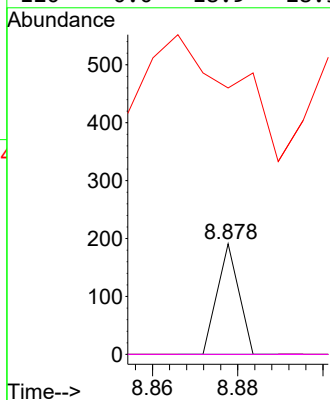
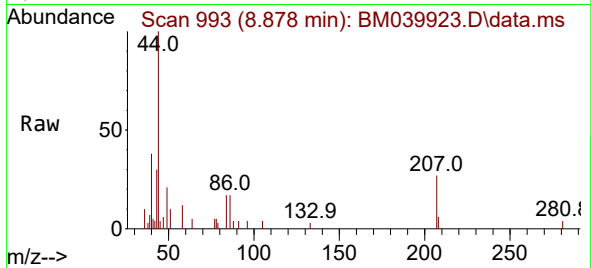




#22
Acetophenone
Concen: 0.001 ng
RT: 8.878 min Scan# 991
Delta R.T. 0.012 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

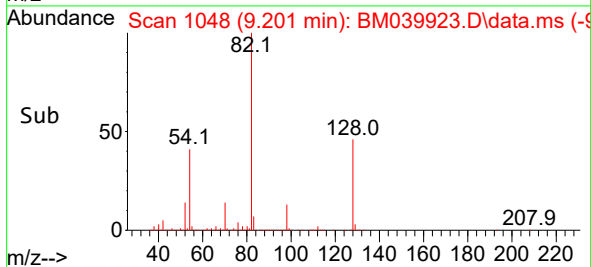
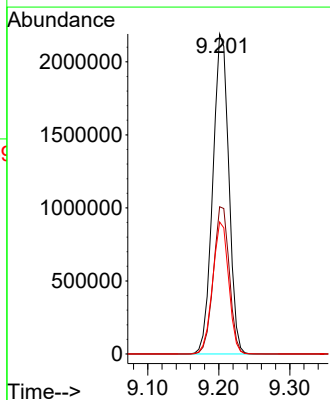
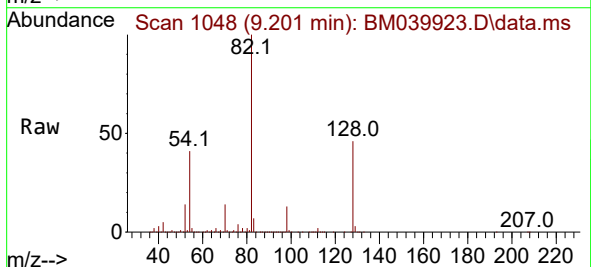
Instrument :
BNA_M
ClientSampleId :
PB152709BL

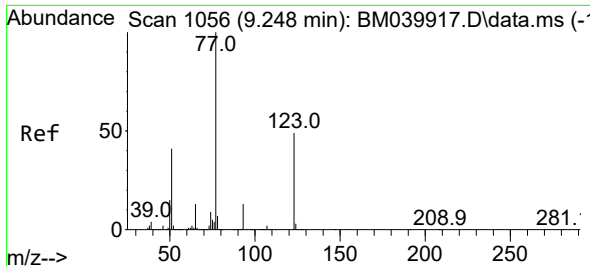
Tgt Ion:	105	Resp:	67
Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.7	4.1#
51	240.8	16.5	24.7#
120	0.0	18.9	28.3#



#23
Nitrobenzene-d5
Concen: 96.459 ng
RT: 9.201 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

Tgt Ion:	82	Resp:	3415451
Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.2	55.8
54	41.3	33.5	50.3

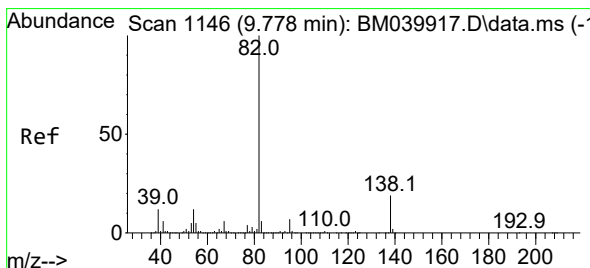
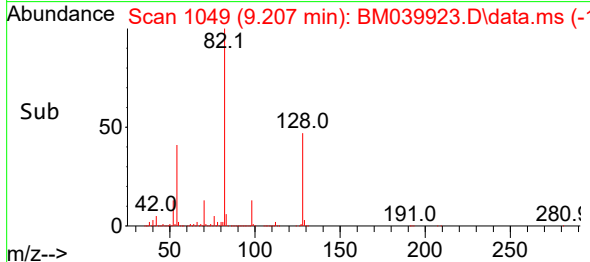
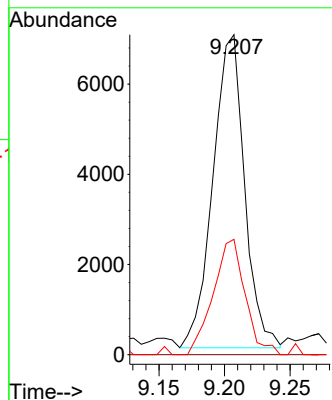
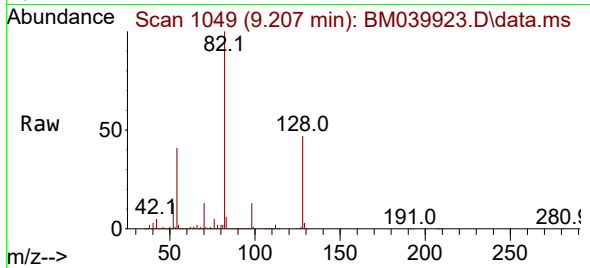




#24
Nitrobenzene
Concen: 0.325 ng
RT: 9.207 min Scan# 1049
Delta R.T. -0.041 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

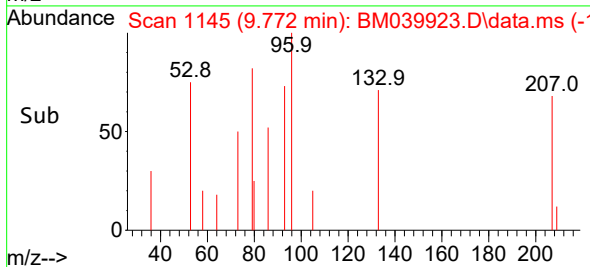
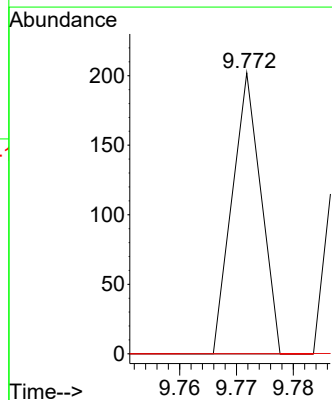
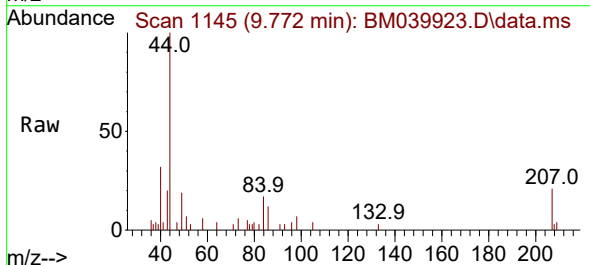
Instrument :
BNA_M
ClientSampleId :
PB152709BL

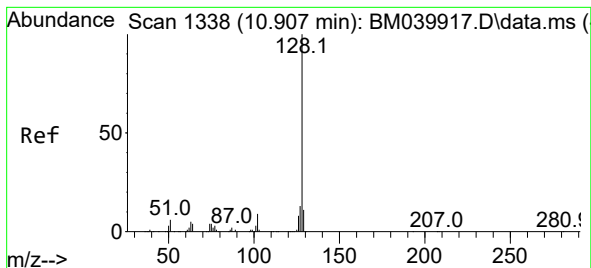
Tgt Ion: 77 Resp: 11639
Ion Ratio Lower Upper
77 100
123 0.0 39.3 58.9#
65 36.0 10.4 15.6#



#25
Isophorone
Concen: 0.001 ng
RT: 9.772 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

Tgt Ion: 82 Resp: 71
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#

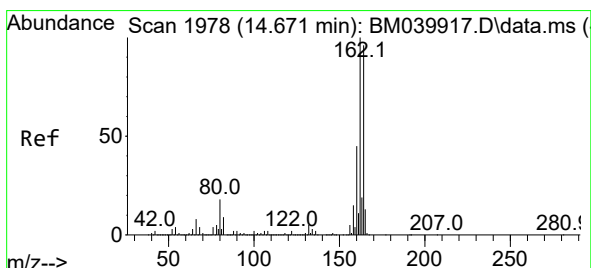
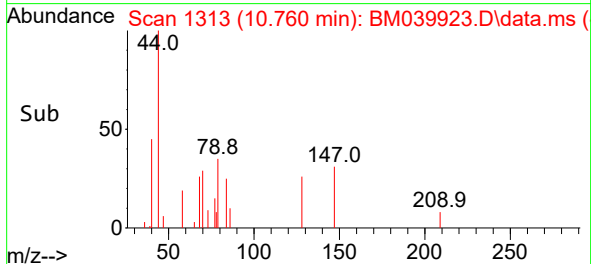
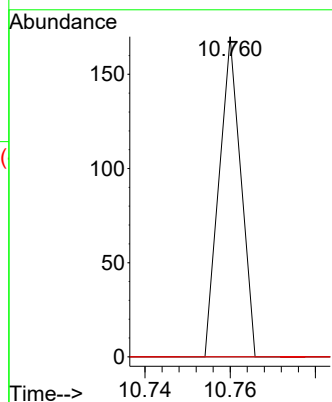
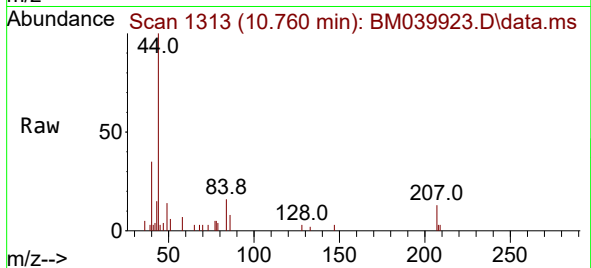




#31
Naphthalene
Concen: 0.001 ng
RT: 10.760 min Scan# 11
Delta R.T. -0.147 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

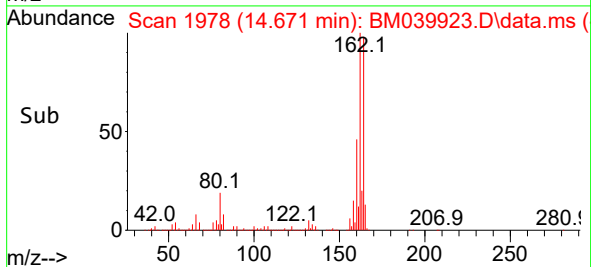
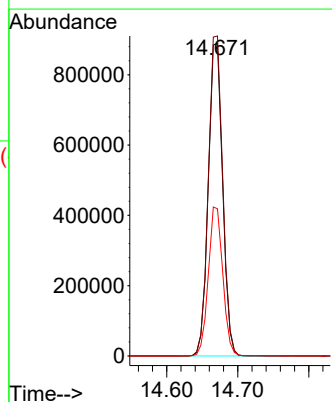
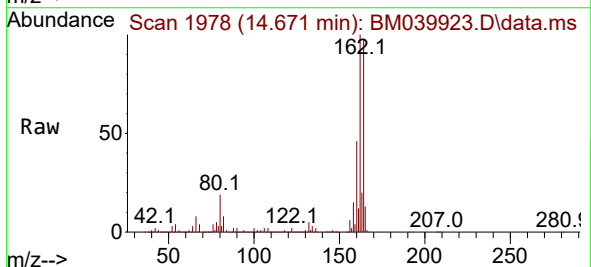
Instrument :
BNA_M
ClientSampleId :
PB152709BL

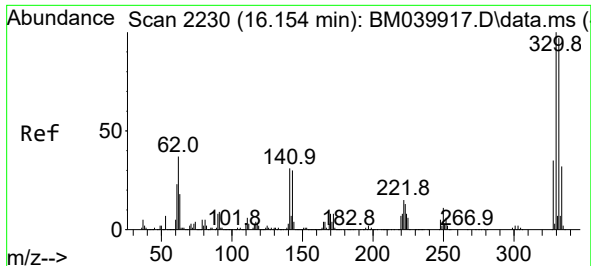
Tgt Ion:128 Resp: 60
Ion Ratio Lower Upper
128 100
129 0.0 8.8 13.2#
127 0.0 10.6 15.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.671 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

Tgt Ion:164 Resp: 1246371
Ion Ratio Lower Upper
164 100
162 102.4 83.6 125.4
160 47.1 37.8 56.6

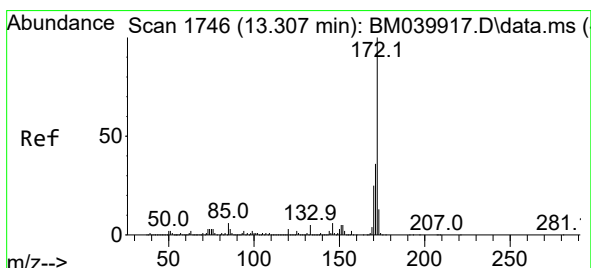
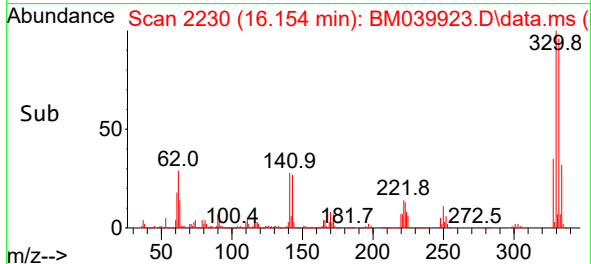
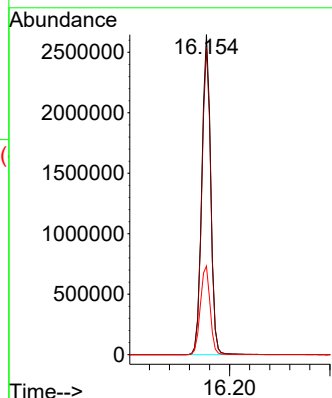
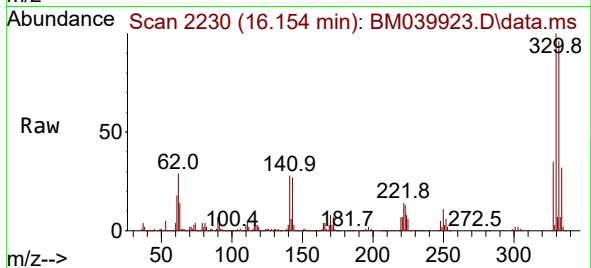




#42
2,4,6-Tribromophenol
Concen: 135.501 ng
RT: 16.154 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

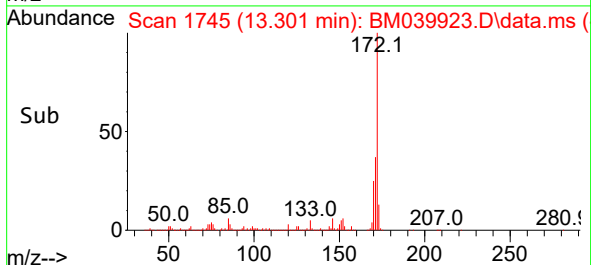
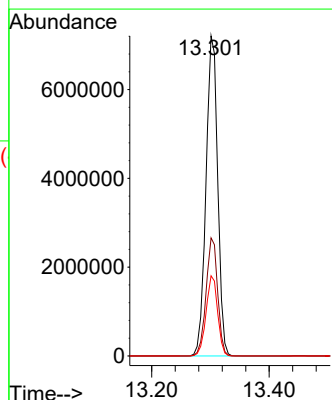
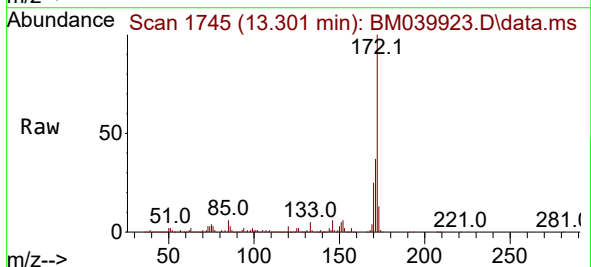
Instrument :
BNA_M
ClientSampleId :
PB152709BL

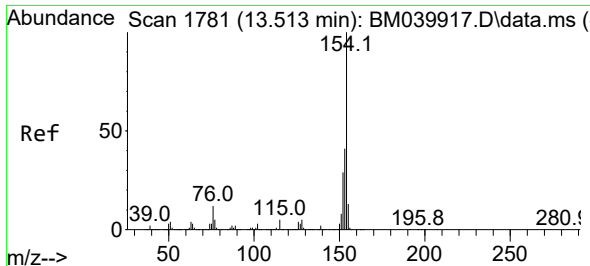
Tgt Ion:330 Resp: 3246622
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 30.3 25.6 38.4



#45
2-Fluorobiphenyl
Concen: 102.258 ng
RT: 13.301 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

Tgt Ion:172 Resp: 9963599
Ion Ratio Lower Upper
172 100
171 36.9 28.9 43.3
170 25.1 19.9 29.9

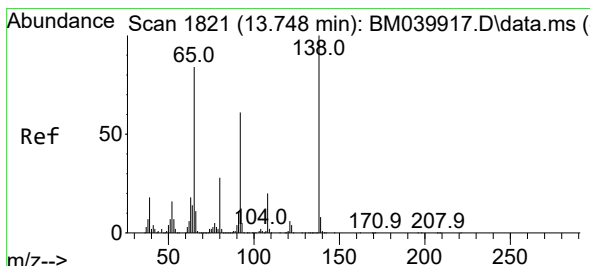
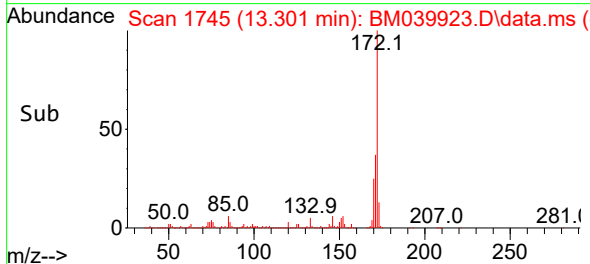
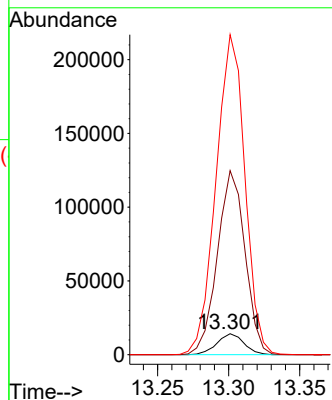
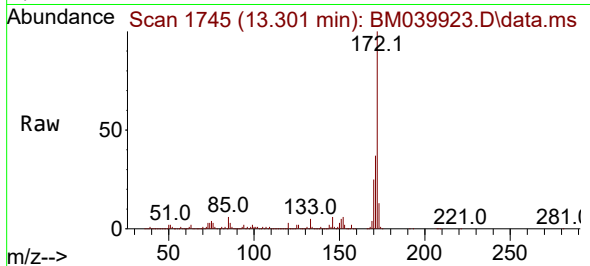




#46
1,1'-Biphenyl
Concen: 0.183 ng
RT: 13.301 min Scan# 11
Delta R.T. -0.212 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

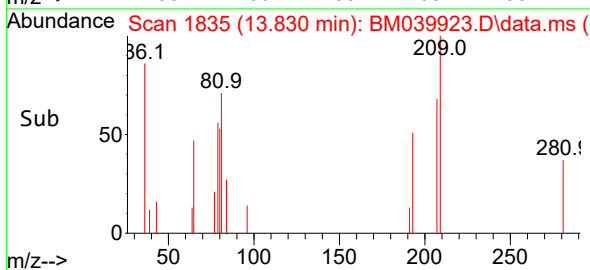
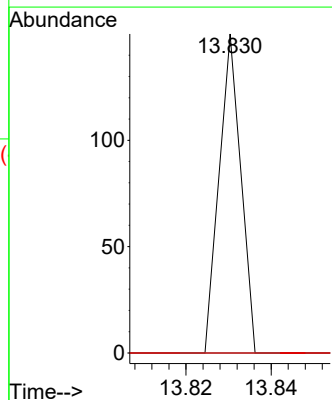
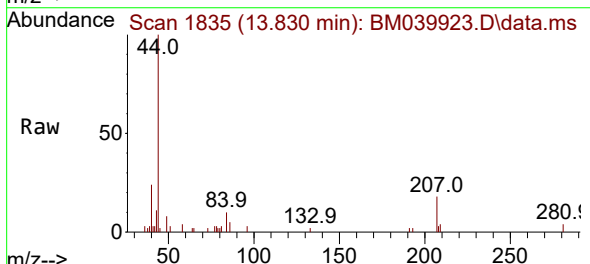
Instrument :
BNA_M
ClientSampleId :
PB152709BL

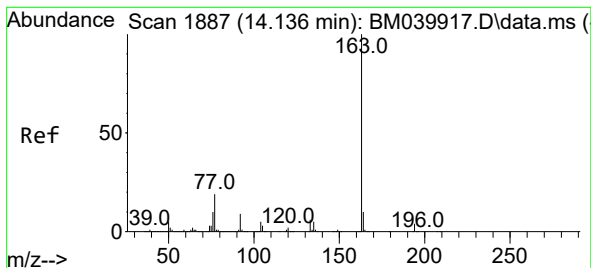
Tgt Ion:154 Resp: 18865
Ion Ratio Lower Upper
154 100
153 875.1 20.8 60.8#
76 1522.5 0.0 31.9#



#48
2-Nitroaniline
Concen: 5.020 ng
RT: 13.830 min Scan# 1835
Delta R.T. 0.082 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

Tgt Ion: 65 Resp: 53
Ion Ratio Lower Upper
65 100
92 0.0 57.7 86.5#
138 0.0 95.0 142.6#





#50

Dimethylphthalate

Concen: 0.001 ng

RT: 13.907 min Scan# 1

Delta R.T. -0.229 min

Lab File: BM039923.D

Acq: 12 May 2023 18:33

Instrument :

BNA_M

ClientSampleId :

PB152709BL

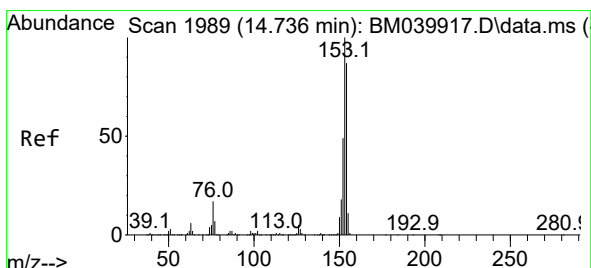
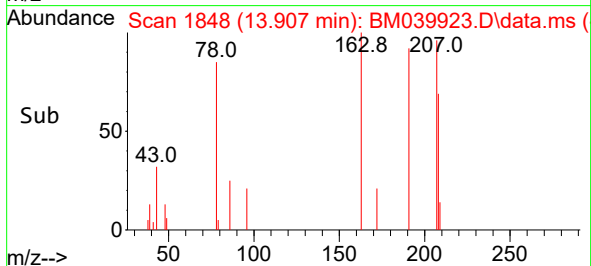
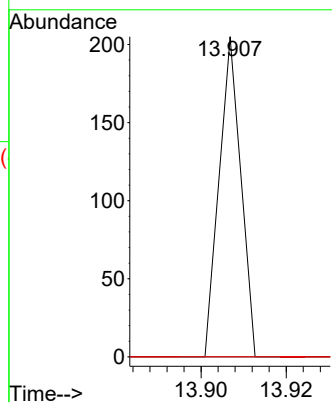
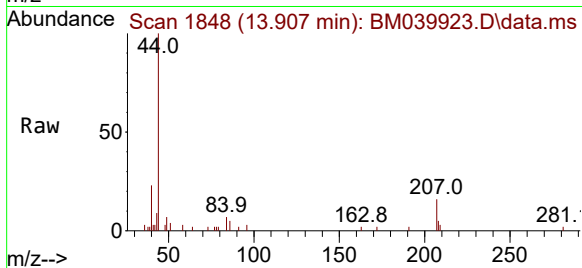
Tgt Ion:163 Resp: 72

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 0.0 8.2 12.2#



#52

Acenaphthene

Concen: 0.057 ng

RT: 14.671 min Scan# 1978

Delta R.T. -0.065 min

Lab File: BM039923.D

Acq: 12 May 2023 18:33

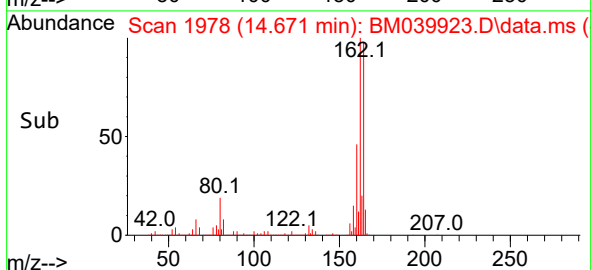
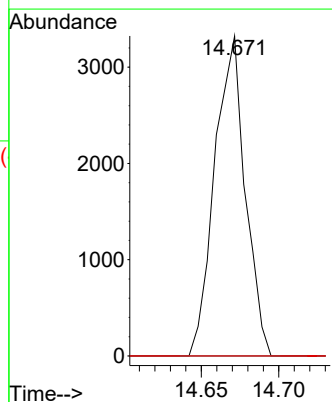
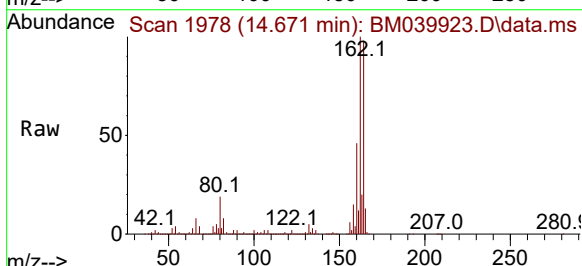
Tgt Ion:154 Resp: 4551

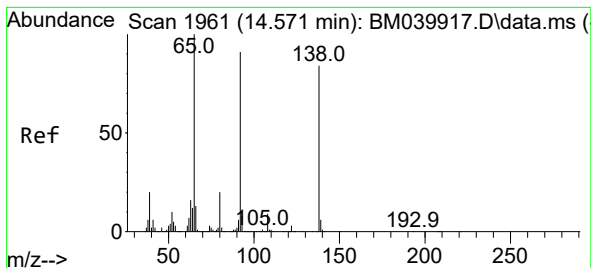
Ion Ratio Lower Upper

154 100

153 0.0 91.9 137.9#

152 0.0 45.0 67.6#

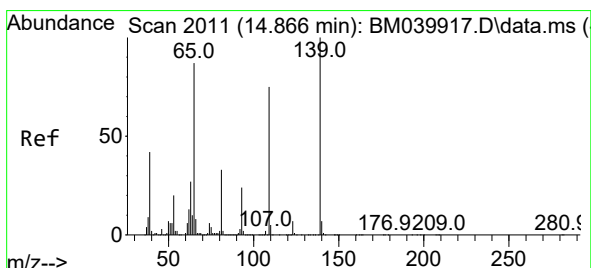
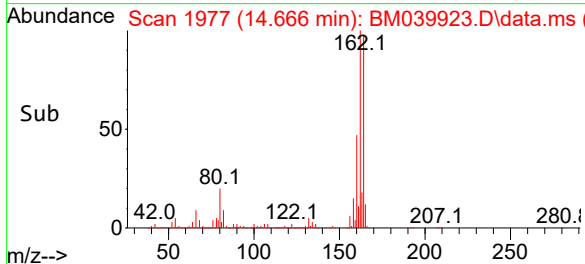
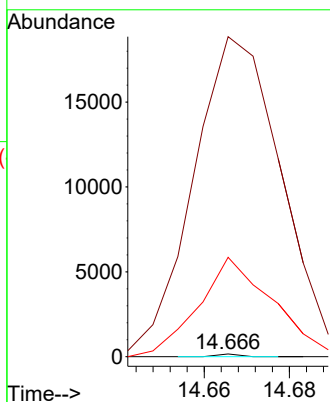
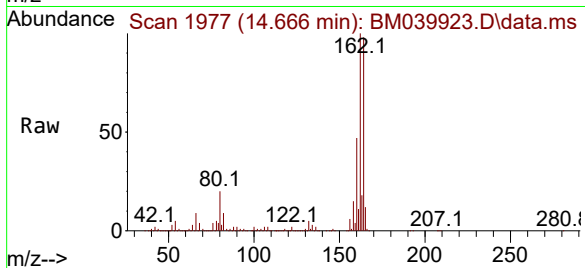




#53
3-Nitroaniline
Concen: 3.940 ng
RT: 14.666 min Scan# 14
Delta R.T. 0.095 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

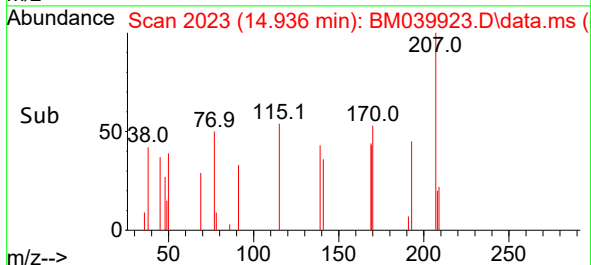
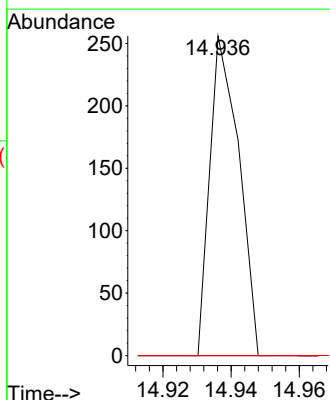
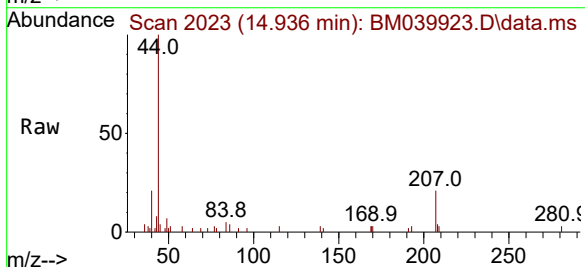
Instrument :
BNA_M
ClientSampleId :
PB152709BL

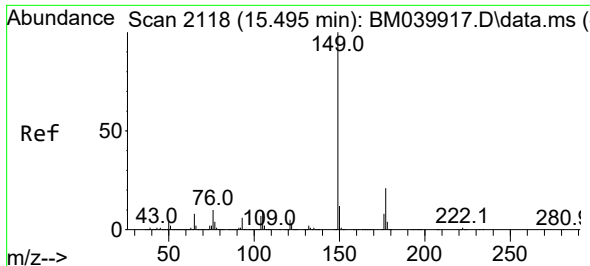
Tgt Ion:138 Resp: 57
Ion Ratio Lower Upper
138 100
108 11711.8 8.6 12.8#
92 3634.2 87.3 130.9#



#56
4-Nitrophenol
Concen: 0.009 ng
RT: 14.936 min Scan# 2023
Delta R.T. 0.070 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

Tgt Ion:139 Resp: 151
Ion Ratio Lower Upper
139 100
109 0.0 55.1 95.1#
65 0.0 67.4 107.4#

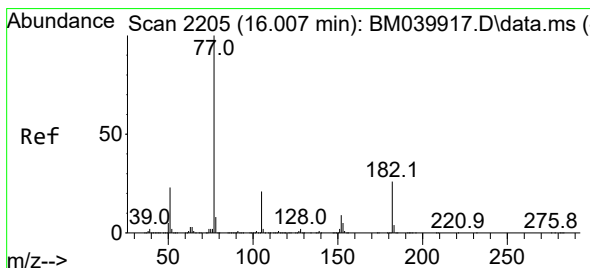
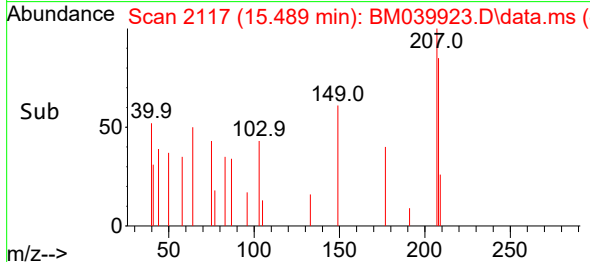
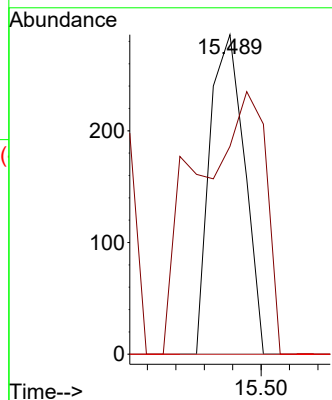
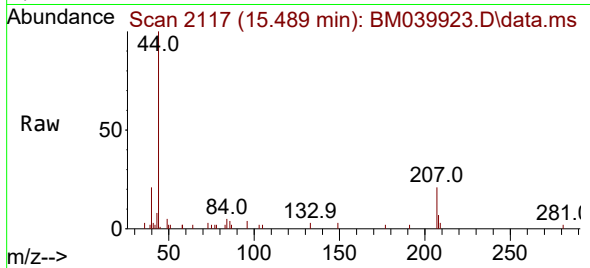




#60
Diethylphthalate
Concen: 0.002 ng
RT: 15.489 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

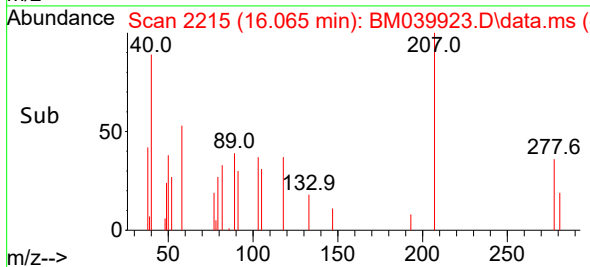
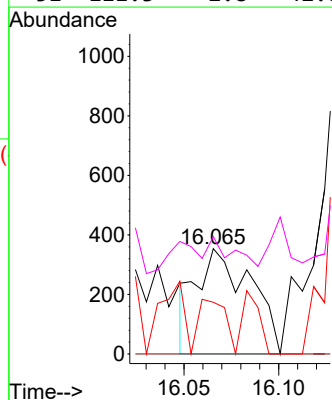
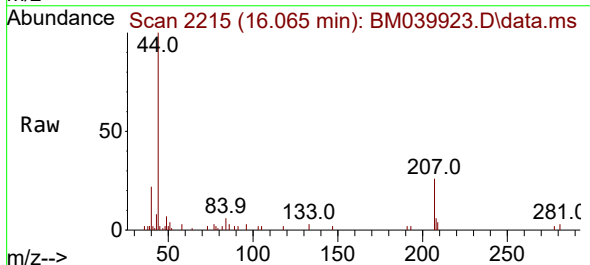
Instrument :
BNA_M
ClientSampleId :
PB152709BL

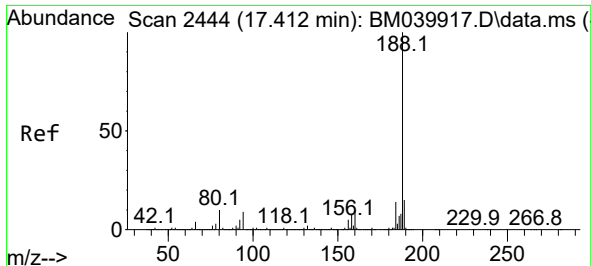
Tgt Ion:149 Resp: 241
Ion Ratio Lower Upper
149 100
177 65.0 17.0 25.4#
150 0.0 9.8 14.6#



#63
Azobenzene
Concen: 0.007 ng
RT: 16.065 min Scan# 2215
Delta R.T. 0.058 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

Tgt Ion: 77 Resp: 705
Ion Ratio Lower Upper
77 100
182 0.0 6.2 46.2#
105 49.2 1.4 41.4#
51 111.3 2.8 42.8#

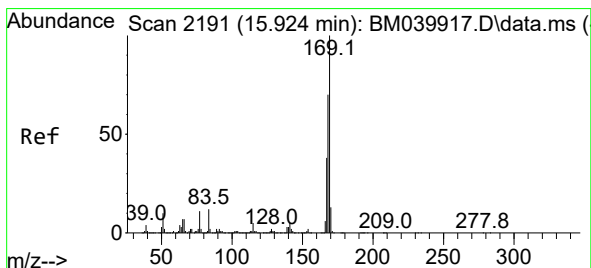
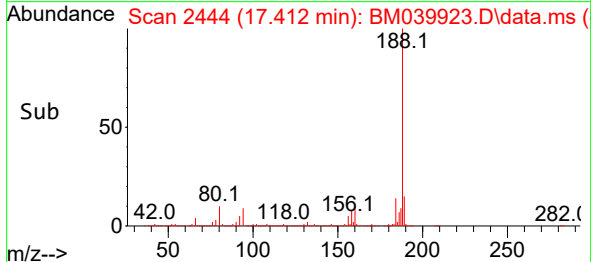
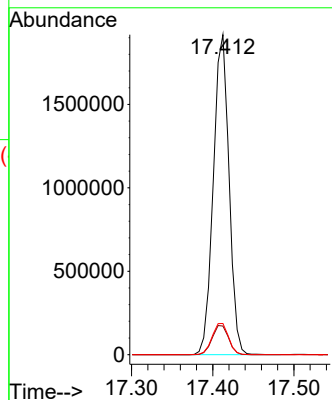
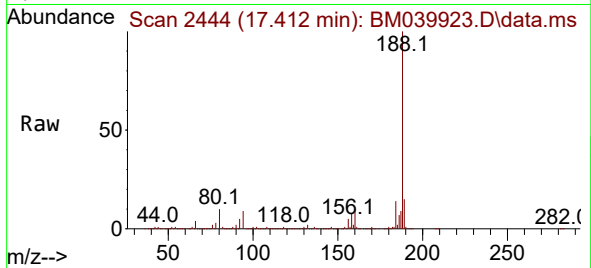




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.412 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

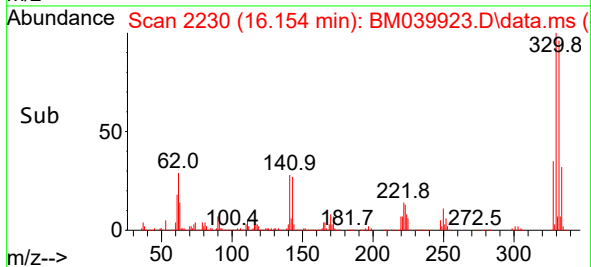
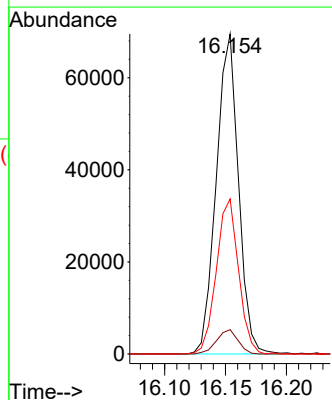
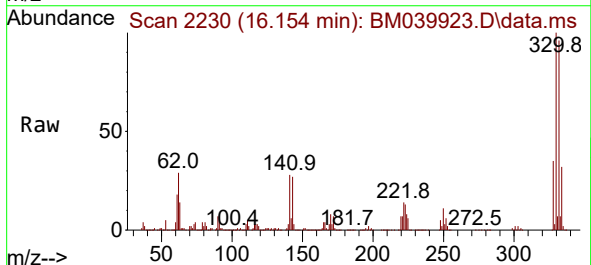
Instrument :
BNA_M
ClientSampleId :
PB152709BL

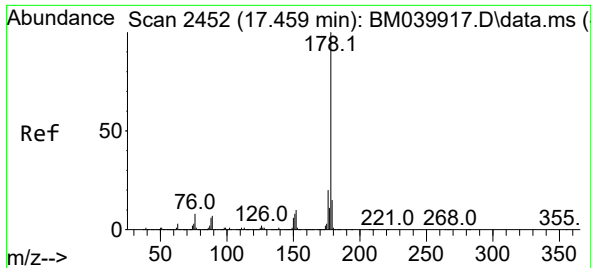
Tgt Ion:188 Resp: 2573517
Ion Ratio Lower Upper
188 100
94 9.0 7.5 11.3
80 9.8 8.0 12.0



#66
n-Nitrosodiphenylamine
Concen: 0.992 ng
RT: 16.154 min Scan# 2230
Delta R.T. 0.229 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

Tgt Ion:169 Resp: 88012
Ion Ratio Lower Upper
169 100
168 7.6 55.7 83.5#
167 48.5 30.2 45.4#

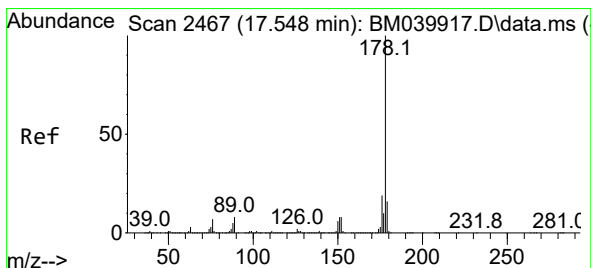
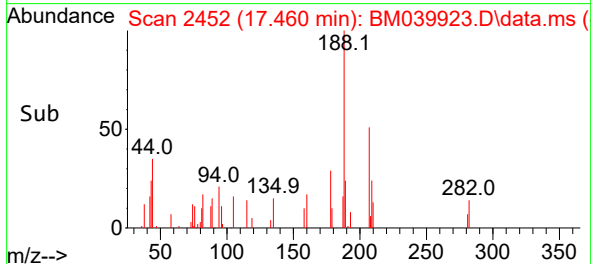
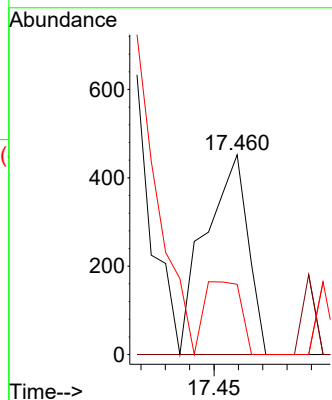
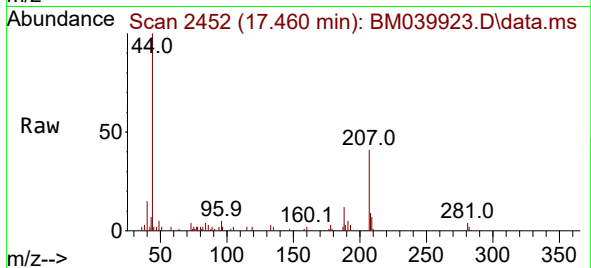




#71
Phenanthrene
Concen: 0.004 ng
RT: 17.460 min Scan# 2452
Delta R.T. 0.000 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

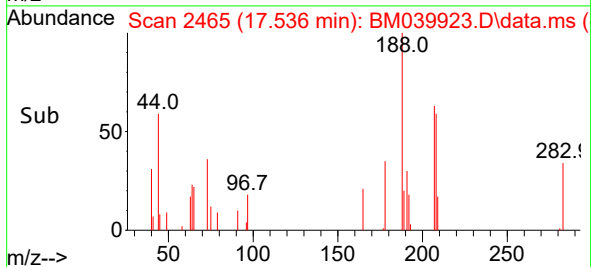
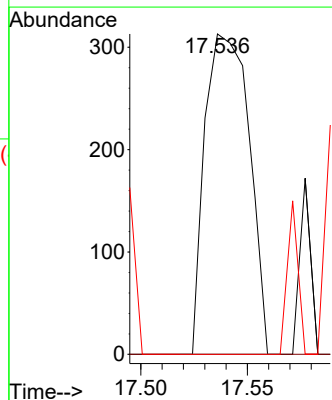
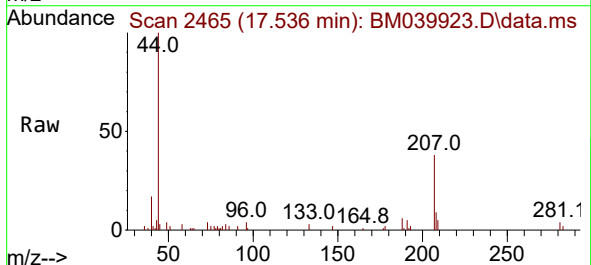
Instrument :
BNA_M
ClientSampleId :
PB152709BL

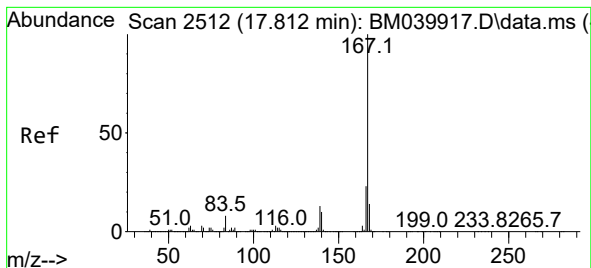
Tgt Ion:178 Resp: 549
Ion Ratio Lower Upper
178 100
176 41.8 16.0 24.0#
179 35.2 12.3 18.5#



#72
Anthracene
Concen: 0.003 ng
RT: 17.536 min Scan# 2465
Delta R.T. -0.012 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

Tgt Ion:178 Resp: 453
Ion Ratio Lower Upper
178 100
176 0.0 15.5 23.3#
179 0.0 12.4 18.6#





#73

Carbazole

Concen: 0.001 ng

RT: 17.818 min Scan# 2

Delta R.T. 0.006 min

Lab File: BM039923.D

Acq: 12 May 2023 18:33

Instrument :

BNA_M

ClientSampleId :

PB152709BL

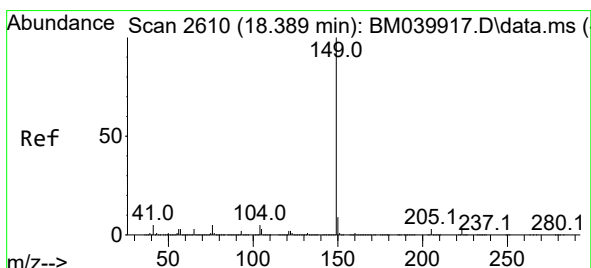
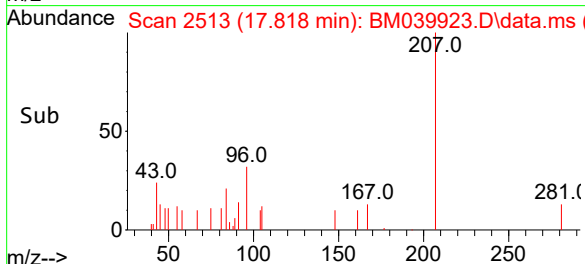
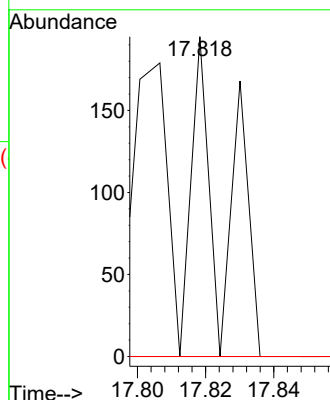
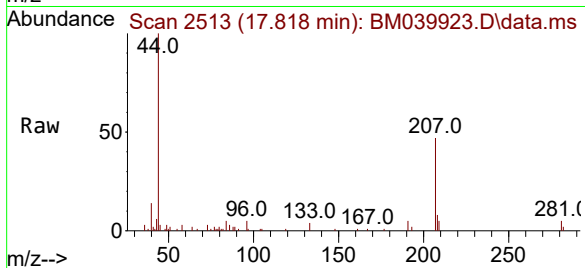
Tgt Ion:167 Resp: 128

Ion Ratio Lower Upper

167 100

166 0.0 18.1 27.1#

139 0.0 10.6 16.0#



#74

Di-n-butylphthalate

Concen: 0.008 ng

RT: 18.377 min Scan# 2608

Delta R.T. -0.012 min

Lab File: BM039923.D

Acq: 12 May 2023 18:33

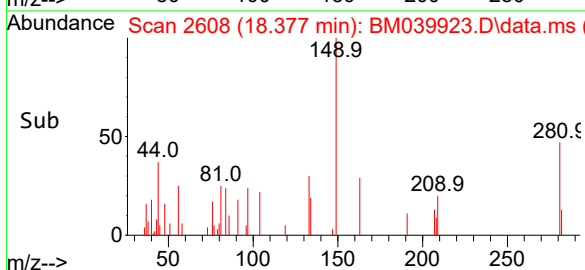
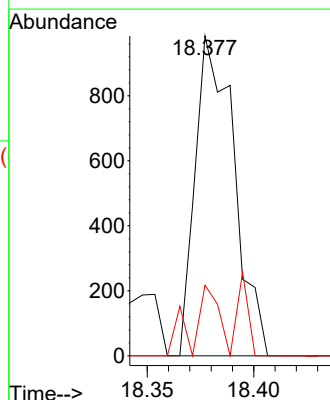
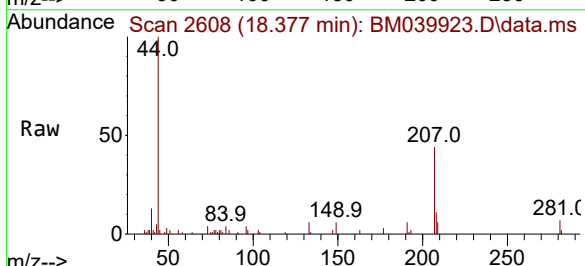
Tgt Ion:149 Resp: 1248

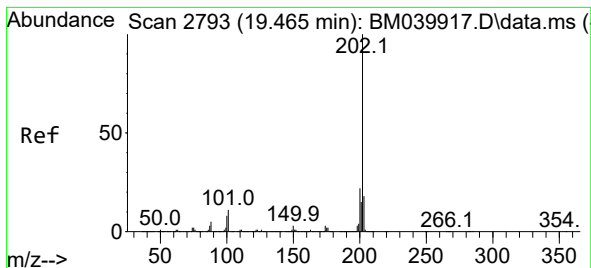
Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

104 22.1 4.2 6.2#





#75

Fluoranthene

Concen: 0.003 ng

RT: 19.459 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039923.D

Acq: 12 May 2023 18:33

Instrument :

BNA_M

ClientSampleId :

PB152709BL

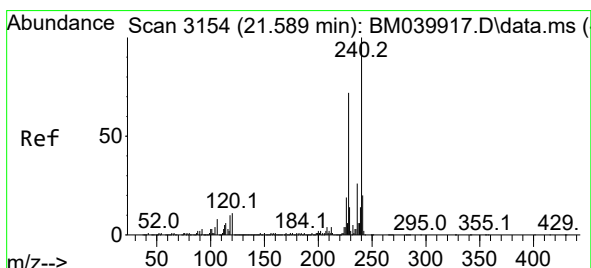
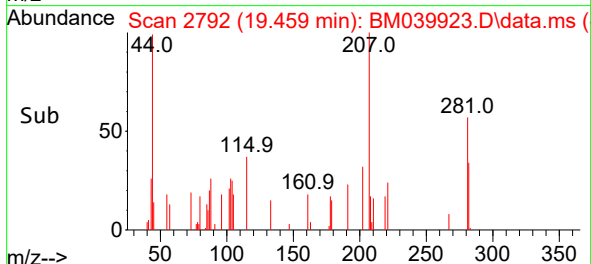
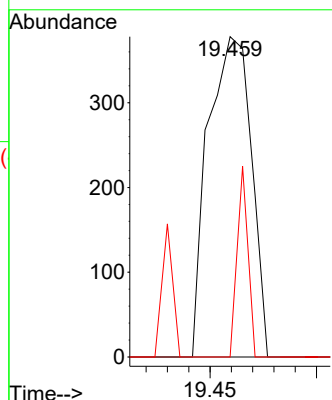
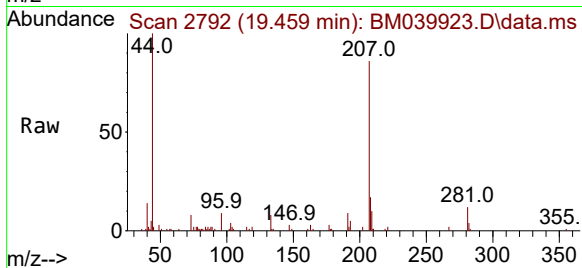
Tgt Ion:202 Resp: 533

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.6

203 0.0 0.0 38.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 3153

Delta R.T. -0.006 min

Lab File: BM039923.D

Acq: 12 May 2023 18:33

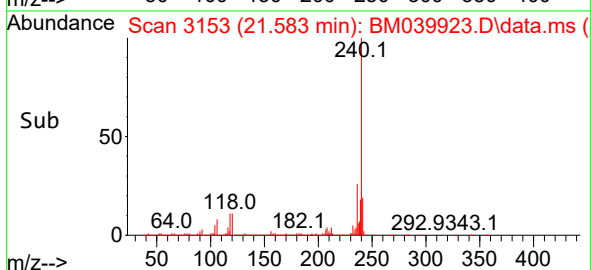
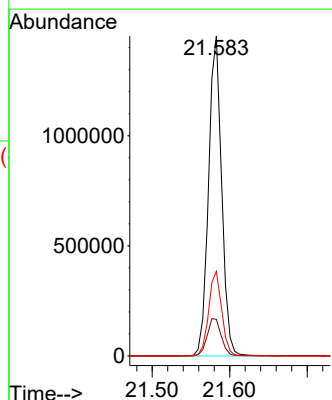
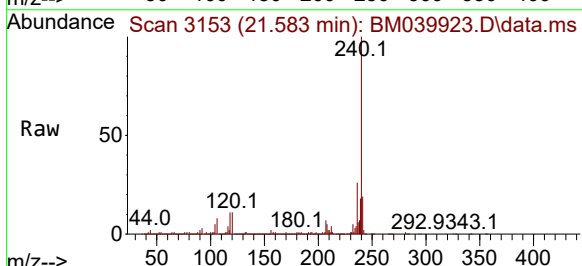
Tgt Ion:240 Resp: 1705029

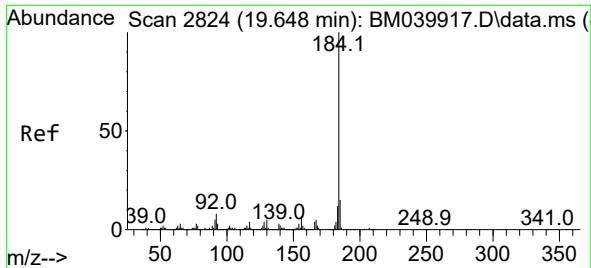
Ion Ratio Lower Upper

240 100

120 11.5 9.0 13.4

236 26.5 20.9 31.3

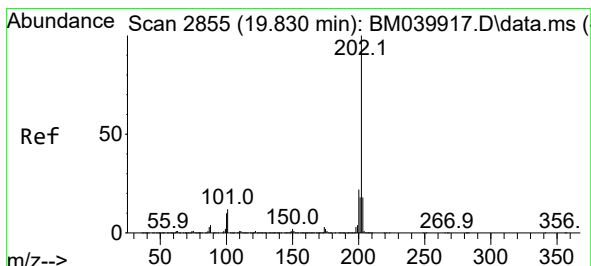
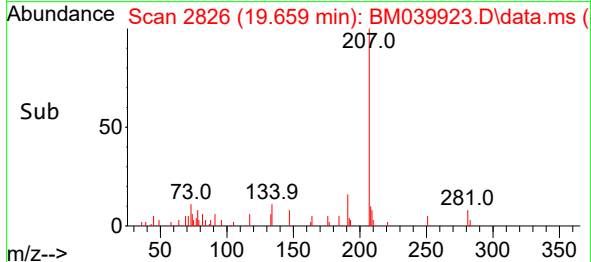
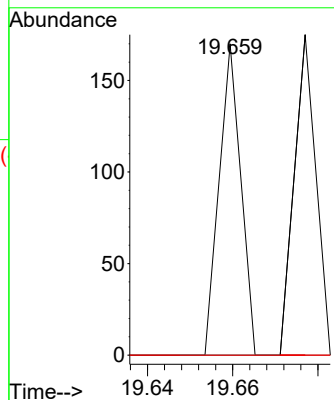
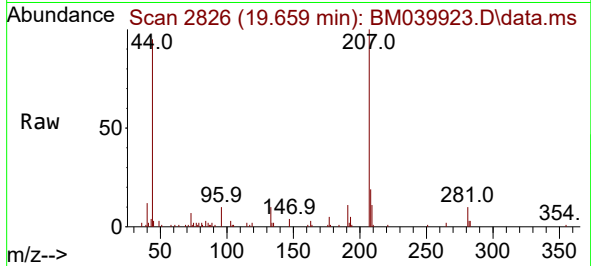




#77
Benzidine
Concen: 0.003 ng
RT: 19.659 min Scan# 21
Delta R.T. 0.012 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

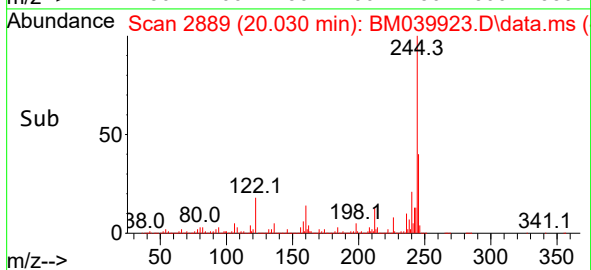
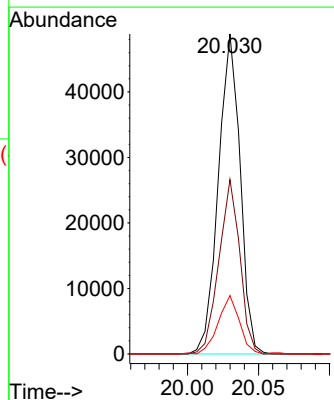
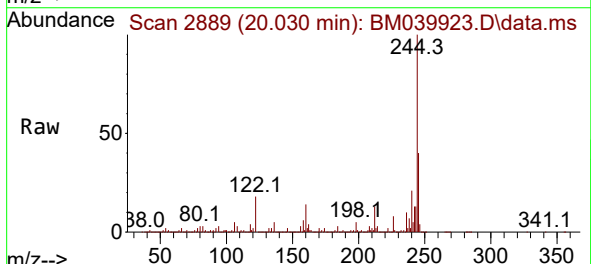
Instrument :
BNA_M
ClientSampleId :
PB152709BL

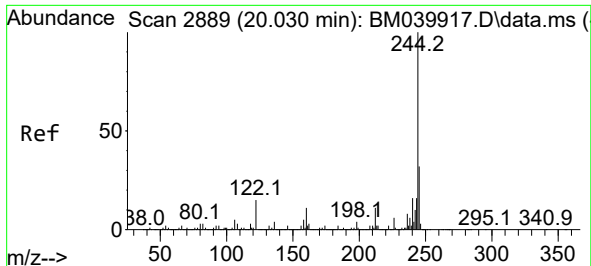
Tgt Ion:184 Resp: 60
Ion Ratio Lower Upper
184 100
185 0.0 12.1 18.1#
183 0.0 9.5 14.3#



#78
Pyrene
Concen: 0.429 ng
RT: 20.030 min Scan# 2889
Delta R.T. 0.200 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

Tgt Ion:202 Resp: 51975
Ion Ratio Lower Upper
202 100
200 54.5 17.6 26.4#
203 18.2 14.2 21.2

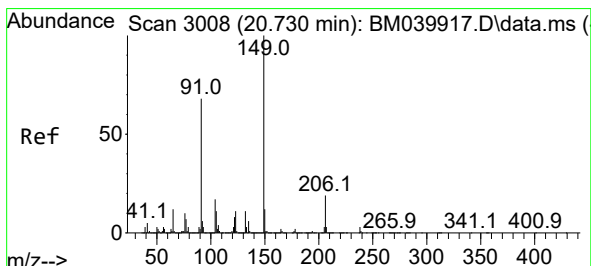
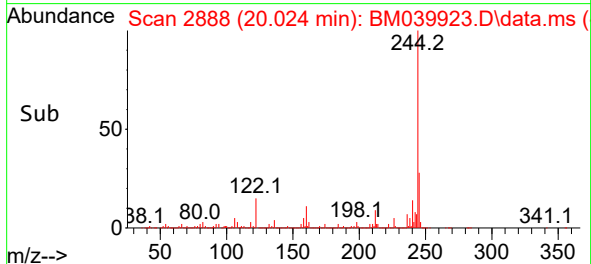
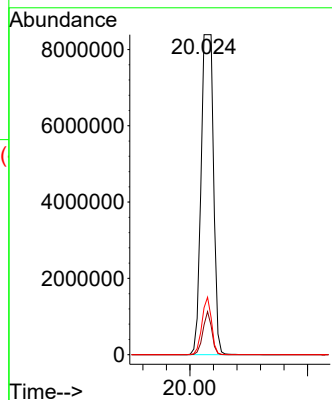
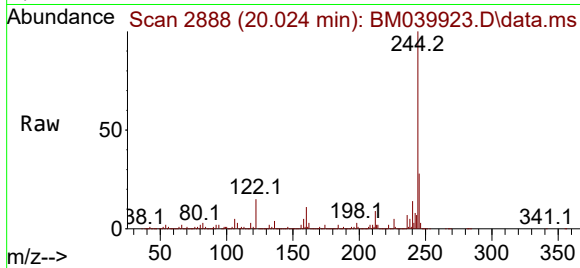




#79
 Terphenyl-d14
 Concen: 130.389 ng
 RT: 20.024 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM039923.D
 Acq: 12 May 2023 18:33

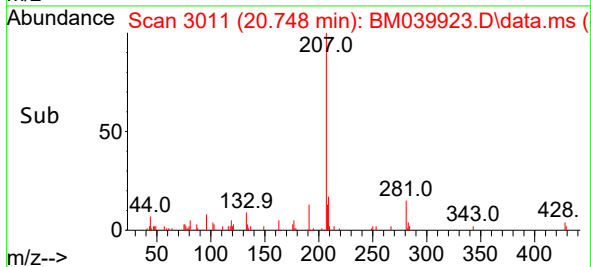
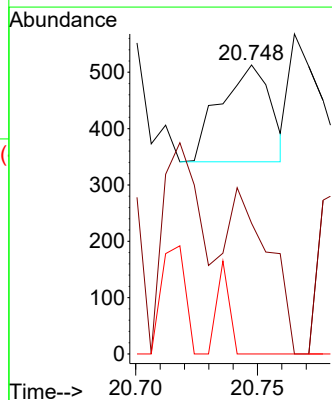
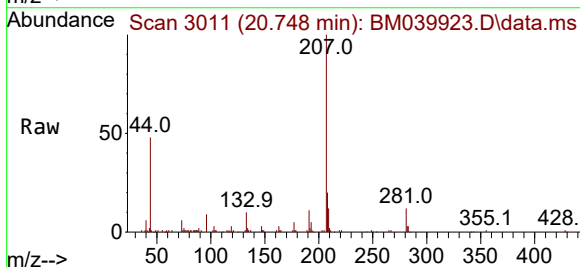
Instrument :
 BNA_M
 ClientSampleId :
 PB152709BL

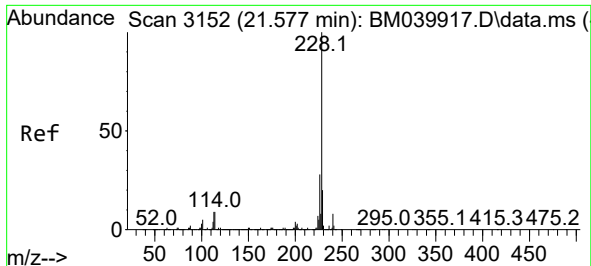
Tgt Ion:244 Resp:12283665
 Ion Ratio Lower Upper
 244 100
 212 9.3 8.5 12.7
 122 14.6 12.1 18.1



#80
 Butylbenzylphthalate
 Concen: 4.616 ng
 RT: 20.748 min Scan# 3011
 Delta R.T. 0.018 min
 Lab File: BM039923.D
 Acq: 12 May 2023 18:33

Tgt Ion:149 Resp: 247
 Ion Ratio Lower Upper
 149 100
 91 45.2 54.5 81.7#
 206 0.0 14.9 22.3#

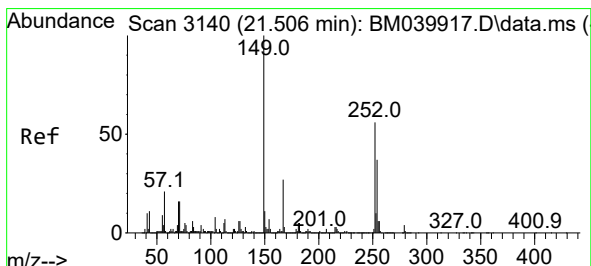
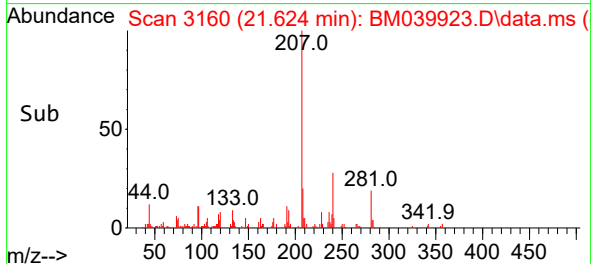
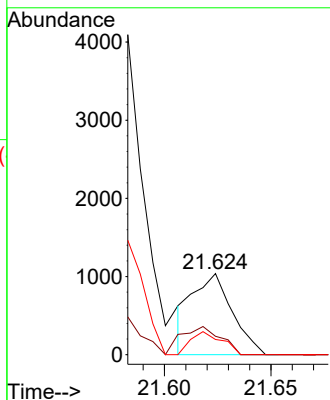
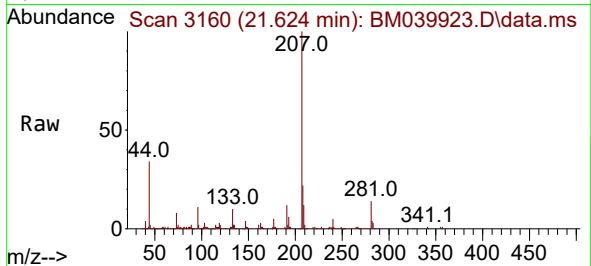




#81
Benzo(a)anthracene
Concen: 0.012 ng
RT: 21.624 min Scan# 3152
Delta R.T. 0.047 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

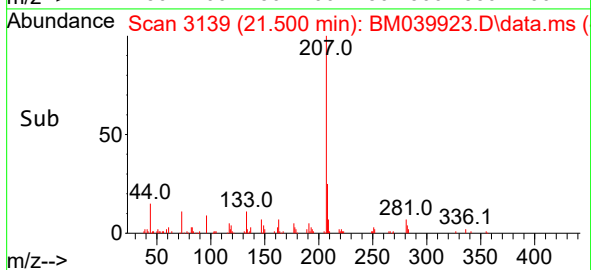
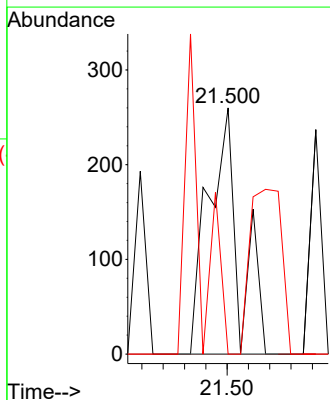
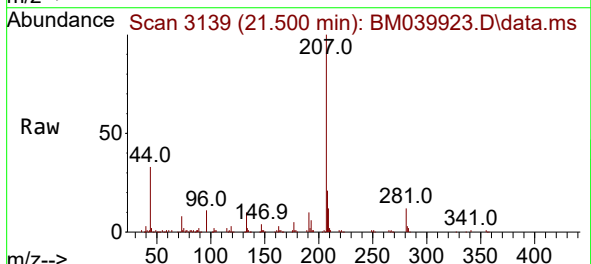
Instrument :
BNA_M
ClientSampleId :
PB152709BL

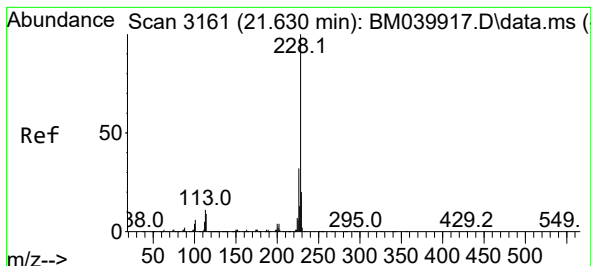
Tgt Ion:228 Resp: 1353
Ion Ratio Lower Upper
228 100
226 22.7 22.6 34.0
229 18.8 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 6.684 ng
RT: 21.500 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

Tgt Ion:252 Resp: 263
Ion Ratio Lower Upper
252 100
254 0.0 52.3 78.5#
126 0.0 8.3 12.5#





#83

Chrysene

Concen: 0.012 ng

RT: 21.624 min Scan# 3161

Delta R.T. -0.006 min

Lab File: BM039923.D

Acq: 12 May 2023 18:33

Instrument :

BNA_M

ClientSampleId :

PB152709BL

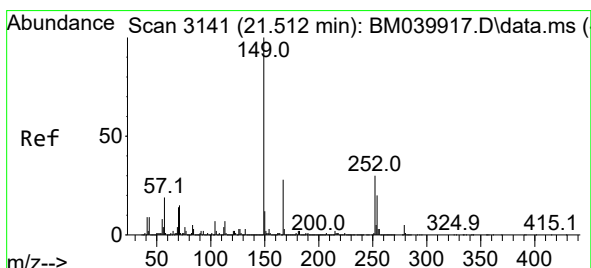
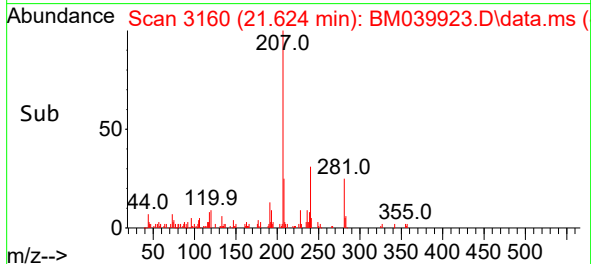
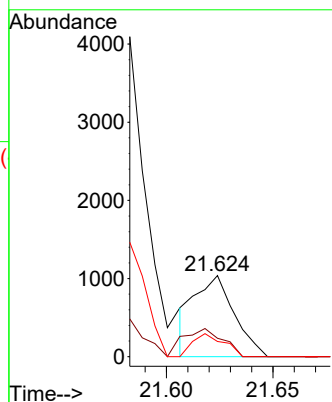
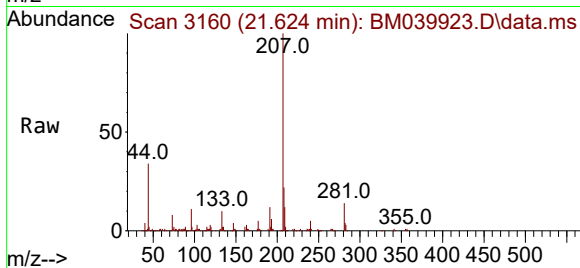
Tgt Ion:228 Resp: 1353

Ion Ratio Lower Upper

228 100

226 22.7 25.4 38.0#

229 18.8 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.836 ng

RT: 21.506 min Scan# 3140

Delta R.T. -0.006 min

Lab File: BM039923.D

Acq: 12 May 2023 18:33

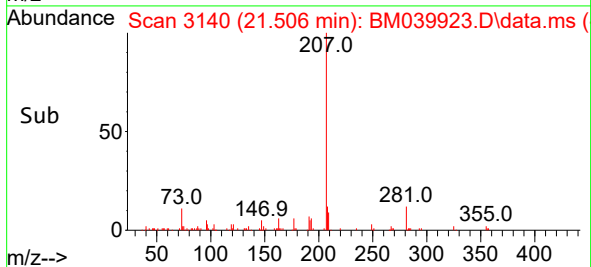
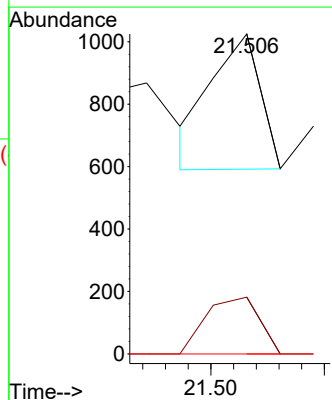
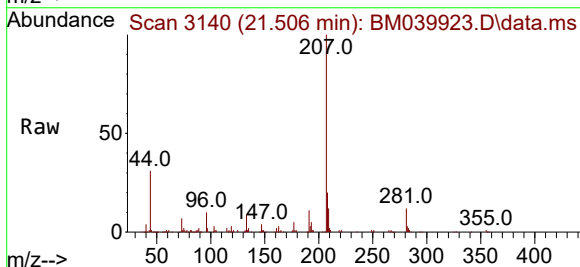
Tgt Ion:149 Resp: 257

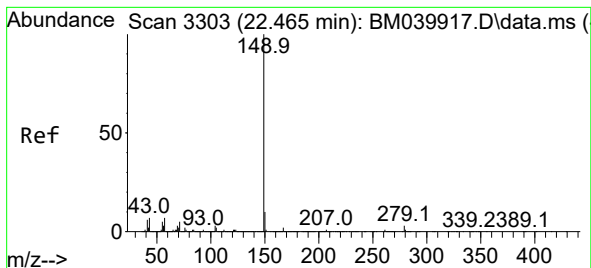
Ion Ratio Lower Upper

149 100

167 17.8 22.3 33.5#

279 0.0 3.8 5.6#





#85

Di-n-octyl phthalate

Concen: 7.710 ng

RT: 22.447 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM039923.D

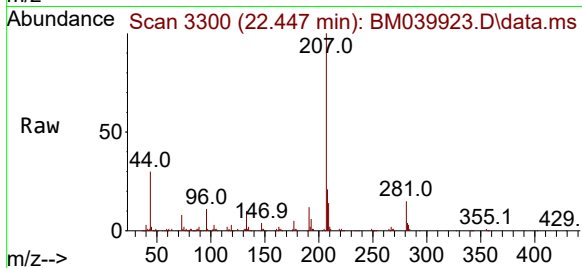
Acq: 12 May 2023 18:33

Instrument :

BNA_M

ClientSampleId :

PB152709BL



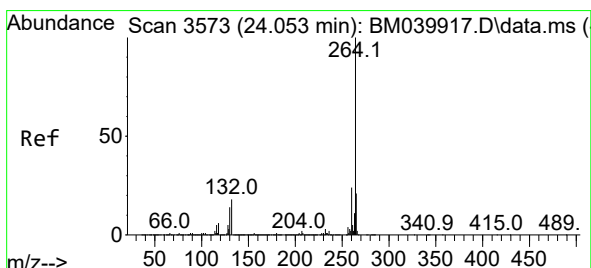
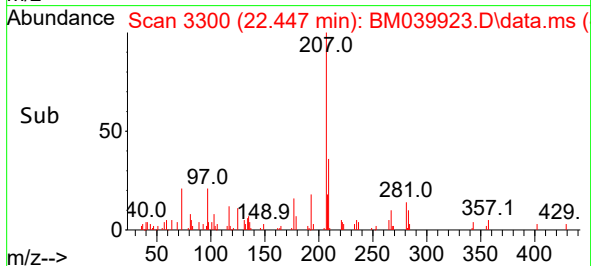
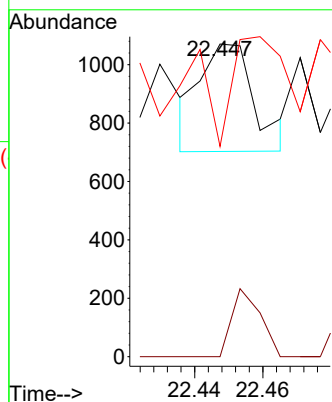
Tgt Ion:149 Resp: 407

Ion Ratio Lower Upper

149 100

167 33.2 1.2 1.8#

43 101.5 5.9 8.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.041 min Scan# 3571

Delta R.T. -0.012 min

Lab File: BM039923.D

Acq: 12 May 2023 18:33

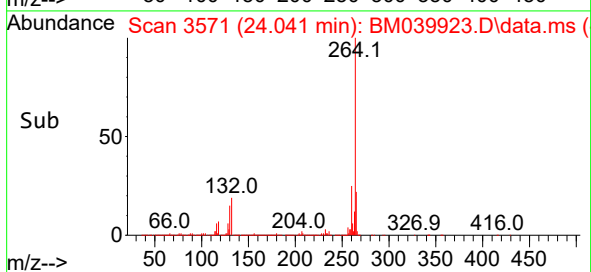
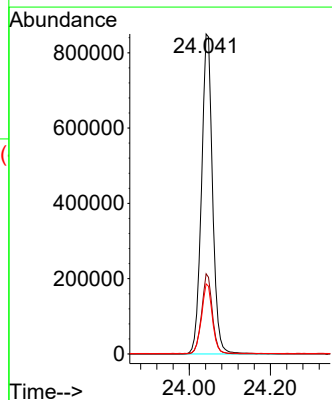
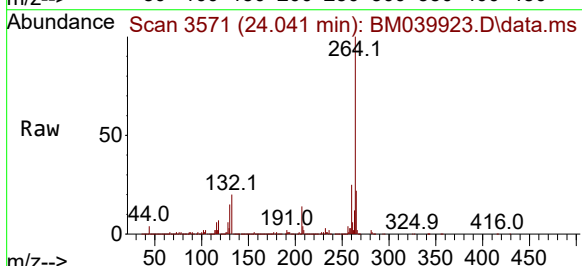
Tgt Ion:264 Resp: 1610011

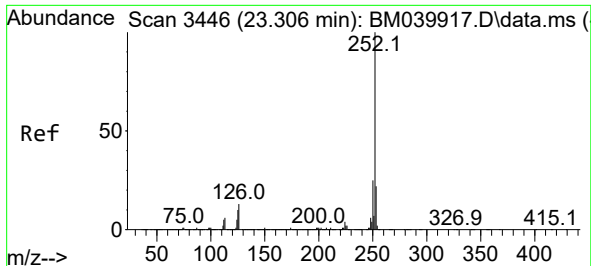
Ion Ratio Lower Upper

264 100

260 25.1 19.3 28.9

265 21.9 17.2 25.8

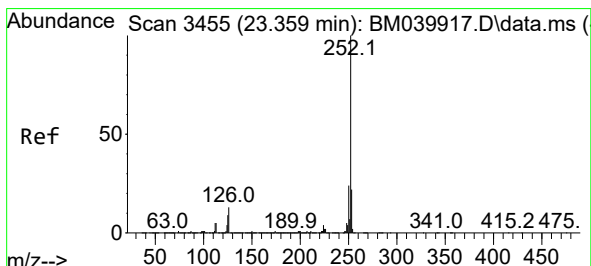
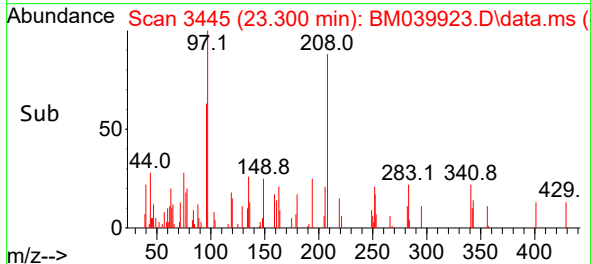
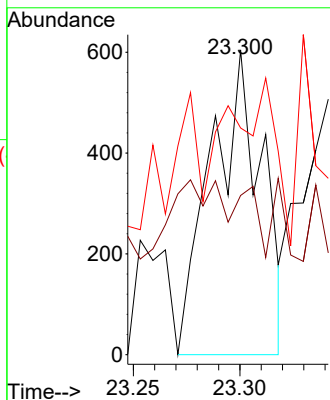
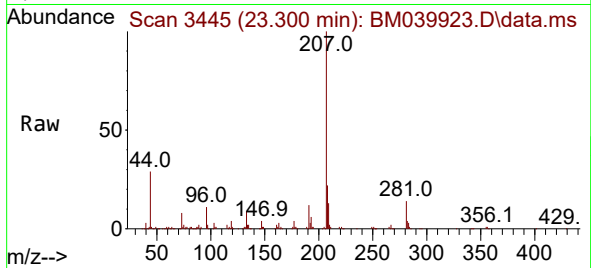




#88
Benzo(b)fluoranthene
Concen: 0.010 ng
RT: 23.300 min Scan# 3446
Delta R.T. -0.006 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

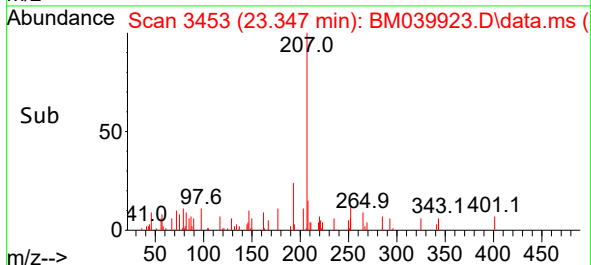
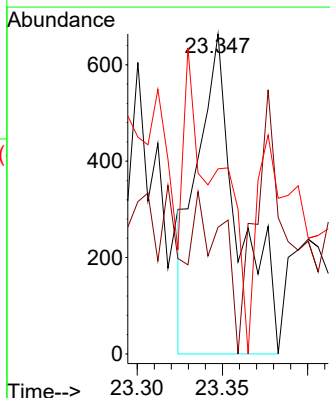
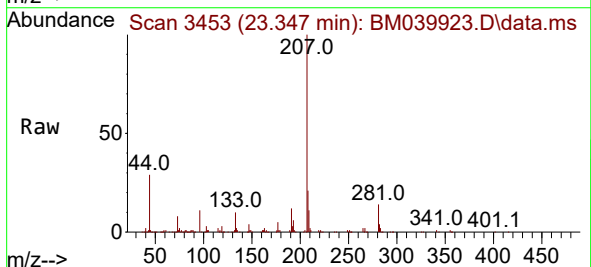
Instrument :
BNA_M
ClientSampleId :
PB152709BL

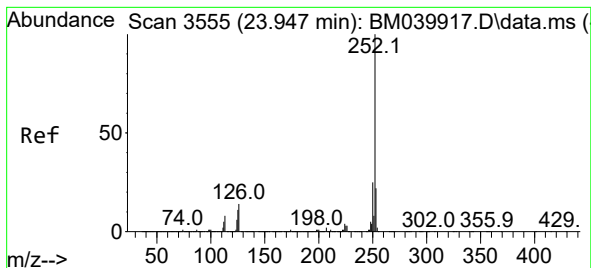
Tgt Ion:252 Resp: 1005
Ion Ratio Lower Upper
252 100
253 52.2 17.8 26.6#
125 74.4 7.8 11.8#



#89
Benzo(k)fluoranthene
Concen: 0.010 ng
RT: 23.347 min Scan# 3453
Delta R.T. -0.012 min
Lab File: BM039923.D
Acq: 12 May 2023 18:33

Tgt Ion:252 Resp: 1111
Ion Ratio Lower Upper
252 100
253 39.6 17.7 26.5#
125 57.8 7.5 11.3#





#90

Benzo(a)pyrene

Concen: 0.010 ng

RT: 23.924 min Scan# 3

Delta R.T. -0.024 min

Lab File: BM039923.D

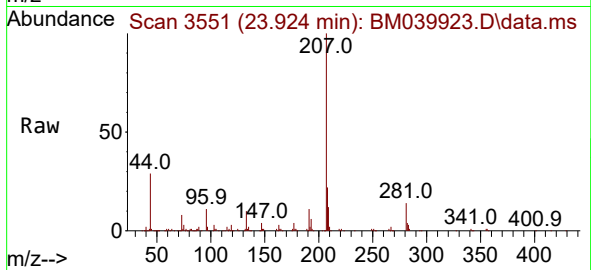
Acq: 12 May 2023 18:33

Instrument :

BNA_M

ClientSampleId :

PB152709BL



Tgt Ion:252 Resp: 1011

Ion Ratio Lower Upper

252 100

253 51.1 17.7 26.5#

125 166.3 8.9 13.3#

